

Bruce H. Wilkinson
12-2020

Education:

1974 - Ph.D. - The University of Texas
1967 - M.S. - The University of
Wyoming 1965 - B.S. - The University
of Wyoming

Employment:

2006- Research Professor, Syracuse University, Syracuse, New
York. 1986-2005 Professor, The University of Michigan, Ann Arbor,
Michigan.
1979-1986 Associate Professor, The University of Michigan, Ann Arbor,
Michigan. 1981 Visiting Professor, Department of Geological Sciences, The
University of
Texas, Austin, Texas.
1980 Visiting Professor, Department of Geological Sciences, The
University of Illinois, Urbana, Illinois.
1973-1979 Assistant Professor, Department of Geological Sciences, The
University of Michigan, Ann Arbor, Michigan.
1971-1973 Research Assistant, Bureau of Economic Geology, The
University of Texas, Austin, Texas.
1970 Research Assistant, Esso Production Research Company,
Houston, Texas.
1967-1968 Petroleum Geologist, Gulf Oil Company, New Orleans, Louisiana.

Honors and Awards:

1998 - Best Paper Award. Wilkinson, B.H., Diedrich, N.W., and Drummond,
C.N., 1996, Facies successions in peritidal carbonate sequences: Journal
of Sedimentary Research, v. 66, P. 1065-1078. Society for Sedimentary
Geology.
1983 - National Chairman; Society of Economic Paleontology and Mineralogy
Carbonate Research Group. Society of Economic Paleontologists and
Mineralogists.
1978 - Best Paper Award - Journal of Sedimentary Petrology; "Eggshell
Diagenesis and Primary Radial Fabric in Calcite Ooids": with Ed Landing;
Society of Economic Paleontologists and Mineralogists.
1978 - Faculty Recognition Award; The University of Michigan.

Peer-reviewed Papers

- 1975 - Wilkinson, B.H., McGowen, J.H. and Lewis, C.R., Ingelside strandplain sand of the central Texas coast: American Association of Petroleum Geologists Bulletin, v. 59, p. 347-352.
- 1975 - Wilkinson, B.H., Matagorda Island, Texas- The evolution of a Gulf coast barrier complex: Geological Society of America Bulletin, v. 86, p. 959-967.
- 1975 - Wilkinson, B.H., McGowen, J.H. and Lewis, C.R., Ingelside strandplain sand of the central Texas coast- reply: American Association of Petroleum Geologists Bulletin, v. 59, p. 2326-2327.
- 1976 - Wilkinson, B.H., Matagorda Island, Texas- the evolution of a Gulf Coast barrier complex: Corpus Christi Geological Bulletin
- 1977 - Wilkinson, B.H. and Bryne, J.R., Lavaca Bay- Transgressive deltaic sedimentation in a central Texas estuary: American Association of Petroleum Geologists Bulletin, v. 61, p. 527-545.
- 1977 - Wilkinson, B.H. and McGowen, J.H., Geologic determination of long-term recession rates- Matagorda Peninsula, Texas: Environmental Geology, v. 1, p. 359-365.
- 1977 - McGowen, J.H., Garner, L.E. and Wilkinson, B.H., The Gulf shoreline of Texas- Processes, characteristics, and factors in use: Bureau of Economic Geology, University of Texas at Austin, Austin, Texas, 27 pp.
- 1978 - Wilkinson, B.H. and Basse, R.A., Late Holocene history of the central Texas coast from Galveston Island to Pass Cavallo, Geological Society of America Bulletin, v. 89, p. 1592-1600.
- 1978 - Wilkinson, B.H. and Landing, E., "Eggshell Diagenesis" and primary radial fabric in calcite ooids: Journal of Sedimentary Petrology, v. 48, p. 1129-1138.
- 1978 - Jones, F.G. and Wilkinson, B.H., Structure and growth of lacustrine pisoliths from recent marl lakes in central Michigan: Journal of Sedimentary Petrology, v. 48, p. 1103-1110.
- 1979 - McGowen, J.H., Byrne, J.H. and Wilkinson, B.H., Geochemistry of bottom sediments- Matagorda Bay system, Texas: Bur. Economic Geology, Geological Circular 79-2, University of Texas, Austin, 64 pp.
- 1979 - Wilkinson, B.H., Biomineralization, paleoceanography, and the evolution of calcareous marine invertebrates: Geology, v. 7. p. 524-527.
- 1979 - Gray, D.H. and Wilkinson, B.H., The effect of changes in bluff-face lithology on lateral variations in coastal recession rate: Journal of Great Lakes Research, v. 5, p. 78-83.
- 1979 - Swirydczuk, K., Wilkinson, B.H. and Smith, G.R., The Pliocene Glens

- Ferry oolite- Lake-margin carbonate deposition in the southwestern Snake River Plain: *Journal of Sedimentary Petrology*, v. 49, p. 995-1004.
- 1980 - Murphy, D.H. and Wilkinson, B.H., Carbonate deposition and facies distribution in a central Michigan marl lake: *Sedimentology*, v. 27, p. 123-135.
- 1980 - Glass, S.W. and Wilkinson, B.H., The Peterson Limestone- Early Cretaceous lacustrine carbonate deposition in western Wyoming and eastern Idaho: *Sedimentary Geology*, v. 27, p. 143-160.
- 1980 - Swirydczuk, K., Wilkinson, B.H. and Smith, G.R., The Pliocene Glens Ferry oolite- II: Sedimentology of oolitic lacustrine terrace deposits: *Journal of Sedimentary Petrology*, v. 50, p. 1237-1247.
- 1980 - Binkley, K.L., Wilkinson, B.H. and Owen, R.M., Vadose beachrock cementation along a southeastern Michigan marl lake: *Journal of Sedimentary Petrology*, v. 50, p. 953-962.
- 1980 Wilkinson, B.H., Biomineralization, paleoceanography, and the evolution of calcareous marine organisms- reply: *Geology*, v. 8, p. 266-267.
- 1980 - Swirydczuk, K., Wilkinson, B.H. and Smith, G.R., The Pliocene Glens Ferry oolite- Lake-margin carbonate deposition in the southwestern Snake River Plain- reply: *Journal of Sedimentary Petrology*, v. 50, p. 999-1001.
- 1980 - Wilkinson, B.H., Popp, B.N. and Owen, R.M., Nearshore ooid formation in a modern temperate regional marl lake: *Journal of Geology*, v. 88, p. 697-703.
- 1981 - Brown, R.E. and Wilkinson, B.H., The Draney Limestone- Early Cretaceous lacustrine carbonate deposition in western Wyoming and southeastern Idaho: *Contributions to Geology*, v. 20, p. 23-31.
- 1981 - Treese, T.N., Owen, R.M. and Wilkinson, B.H., Sr/Ca and Mg/Ca ratios in polygenetic carbonate allochems from a Michigan marl lake: *Geochimica Cosmochimica Acta*, v. 45, p. 439-445.
- 1981 - Swirydczuk, K., Wilkinson, B.H. and Smith, G.R., Synsedimentary phosphorites from the Pliocene Glens Ferry Formation in southwestern Idaho: *Journal of Sedimentary Petrology*, v. 51, p. 1205-1214.
- 1982 - Blake, D.F., Peacor, D.R. and Wilkinson, B.H., The sequence and mechanism of low-temperature dolomite formation- calcian dolomites from a Pennsylvanian echinoderm: *Journal of Sedimentary Petrology*, v. 52, p. 59-70.
- 1982 - McCabe, C., Van der Voo, R. and Wilkinson, B.H., Paleomagnetic and rock magnetic results from the Twin Creek Formation (Middle Jurassic), Wyoming *Earth and Planetary Science Letters*. v. 60, p.

140-146.

- 1982 - Treese, K.L. and Wilkinson, B.H., Peat-marl deposition in a Holocene paludal- lacustrine basin- Sucker Lake, Michigan, *Sedimentology*, v. 29, p. 375-390.
- 1982 - Wilkinson, B.H., Cyclic cratonic carbonates and Phanerozoic calcite seas: *Journal of Geologic Education*, v. 30, p. 189-203.
- 1982 - Wilkinson, B.H., Janecke, S.U. and Brett, C.E., Low-magnesian calcite marine cement in middle Ordovician hardgrounds from Kirkfield, Ontario: *Journal of Sedimentary Petrology*, v. 52, p. 47-52.
- 1983 - Medwedeff, D.A. and Wilkinson, B.H., Cortical fabric in calcite and aragonite ooids; in: *Coated Grains*, T.M. Peryt, ed., Springer-Verlag, p. 109-115.
- 1983 - Owen, R.M. and Wilkinson, B.H., Mineralogical and biological controls on the Fe/Ca and Mn/Ca ratios of lacustrine carbonate allochems: *Chemical Geology*, v. 38, p. 175-181.
- 1983 - Davis, R.L. and Wilkinson, B.H., Sedimentology and petrology of freshwater lacustrine carbonate- mid-Tertiary Camp Davis Formation, northwestern Wyoming: *Contributions to Geology*, v. 22, p. 45-55.
- 1983 - Popp, B.N. and Wilkinson, B.H., Holocene lacustrine ooids from Pyramid Lake, Nevada; in: *Coated Grains*, T.M. Peryt, ed., Springer-Verlag, p. 142-153.
- 1984 - Wilkinson, B.H., Buczynski, C. and Owen, R.M., Chemical control of carbonate phases- implications from upper Pennsylvanian calcite-aragonite ooids of southeastern Kansas: *Journal of Sedimentary Petrology*, v. 54, p. 932-947.
- 1984 - Smith, G.R., Swirydczuk, K., Kimmel, P.G. and Wilkinson, B.H., Fish biostratigraphy of late Miocene to Pliocene sediments of the western Snake River Plain; in: *Cenozoic Geology of Idaho*, B. Bonnicksen and R.M. Breckenridge, eds., Idaho Bureau Mines and Geology, Bulletin 26, Moscow, Idaho.
- 1984 - Sperber, C.M., Wilkinson, B.H. and Peacor, D.R., Rock composition, dolomite stoichiometry, and rock/water reactions in dolomitic carbonate rocks: *Journal of Geology*, v. 92, p. 609-622.
- 1984 - Wilkinson, B.H., Budai, J.M. and Given, R.K., Comment on "Episodic accumulation and the origin of formation boundaries in the Helderberg Group of New York State": *Geology*, v. 12, p. 572-573.
- 1985 - Wilkinson, B.H., Owen, R.M. and Carroll, A.R., Submarine weathering, global eustasy, and carbonate polymorphism in Phanerozoic marine oolites: reply to a discussion by T.M. Peryt, *Journal of Sedimentary Petrology*, v. 55, p. 927.
- 1985 - Given, R.K. and Wilkinson, B.H., Kinetic control of morphology,

- composition, and mineralogy of abiotic sedimentary carbonates: reply to a discussion by J.W. Morse, *Journal of Sedimentary Petrology*, v. 55, p. 921-926.
- 1985 - Given, R.K. and Wilkinson, B.H., Kinetic control of morphology, composition, and mineralogy of abiotic sedimentary carbonates: in press, *Journal of Sedimentary Petrology*, v. 55, p. 109-119.
- 1985 - Wilkinson, B.H., Owen, R.M. and Carroll, A.R., Submarine weathering, global eustasy, and carbonate polymorphism in Phanerozoic marine oolites: *Journal of Sedimentary Petrology*, v. 55, p. 171-183.
- 1985 - McCabe, C., Van der Voo, R., Wilkinson, B.H. and Devaney, K., A middle/ late Silurian paleomagnetic pole from limestone reefs of the Wabash Formation (Indiana, U.S.A.): *Journal of Geophysical Research*, v. 90, p. 2959-2965.
- 1985 - Wilkinson, B.H., Smith, A.L. and Lohmann, K.C, Sparry calcite marine cement in upper Jurassic limestones of southeastern Wyoming: *Society of Economic Paleontology and Mineralogy Special Publication, Carbonate Cements*, p. 169- 184.
- 1985 - Chafetz, H.S., Wilkinson, B.H. and Love, K.M., Morphology and composition of nonmarine carbonate cements in near-surface settings: *Society of Economic Paleontology and Mineralogy Special Publication Carbonate Cements*, p. 337- 347.
- 1986 - Martin, G.D., Wilkinson, B.H. and Lohmann, K.C, The role of skeletal porosity in aragonite neomorphism: *Strombus* and *Montastrea* from the Key Largo Limestone, Florida: *Journal of Sedimentary Petrology*, v. 56, p. 194-203.
- 1986 - Wilkinson, B.H. and Given, R.K., Secular variation in the composition of abiotic marine carbonates: constraints on atmospheric carbon dioxide contents and oceanic Mg/Ca ratios during the Phanerozoic: *Journal of Geology*, v. 94, p. 321- 333.
- 1986 - Devaney, K.A., Wilkinson, B.H. and Van der Voo, R., Deposition and compaction in carbonate clinothems: the Silurian Pipe Creek Junior bioherm of central Indiana: *Geological Society of America Bulletin*, v. 97, p. 1367-1381.
- 1986 - Dustin, N.M., Wilkinson, B.H. and Owen, R.M., Littlefield Lake, Michigan- a carbonate budget of Holocene sedimentation in a temperate region marl lake: *Limnology and Oceanography*, v. 31, p. 1301-1311.
- 1986 - Dustin, N.M., Owen, R.M. and Wilkinson, B.H., Water chemistry and sedimentological observations in Littlefield Lake, Michigan- implications for lacustrine marl deposition: *Environmental Geology*, v. 4, p. 229-236.
- 1987 - Wilkinson, B.H., Owen, R.M. and Carroll, A.R., Submarine weathering, global eustasy, and carbonate polymorphism in Phanerozoic marine

- oolites: reply to a discussion by L. Eliuk, *Journal of Sedimentary Petrology*, v. 57, p. 186-188.
- 1987 - Given, R.K. and Wilkinson, B.H., Dolomite abundance and stratigraphic age- constraints on rates and mechanisms of dolomite formation: *Journal of Sedimentary Petrology*, v. 57, p. 1068-1078.
- 1988 - Algeo, T.J. and Wilkinson, B.H., Periodicity of Phanerozoic Sedimentary Cycles and the Role of Milankovitch Orbital Modulation: *Journal of Geology*, v. 88, p. 313-322.
- 1988 - Weiss, C.P. and Wilkinson, B.H., Holocene cementation along the central Texas coast: *Journal of Sedimentary Petrology*, v. 58, p. 468-478.
- 1988 - Zempolich, W.G., Wilkinson, B.H. and Lohmann, Kyger C, Diagenesis of Proterozoic Carbonates: The Beck Spring Dolomite of Eastern California: *Journal of Sedimentary Petrology*, v. 58, p. 656-672.
- 1989 - Given, R.K. and Wilkinson, B.H., Dolomite abundance and stratigraphic age- constraints on rates and mechanisms of dolomite formation: reply to a discussion by D. Zenger, *Journal of Sedimentary Petrology*, v. 59, p. 165.
- 1989 - Opdyke, B.N. and Wilkinson, B.H., Surface area control of shallow cratonic to deep marine carbonate accumulation: *Paleoceanography*, v. 3, p. 685-703.
- 1989 - Wilkinson, B.H. and Walker, J.C.G., Phanerozoic cycling of sedimentary carbonate: *American Journal of Science*, v. 289, p. 525-548.
- 1989 - Wilkinson, B.H. and Algeo, T.J., Sedimentary carbonate record of Ca-Mg cycling at the Earth's surface: *American Journal of Science*, v. 289, p. 1158-1194.
- 1990 - Finkel, L.A. and Wilkinson, B.H., Stylolitization and cementation in the Mississippian Salem Limestone, westcentral Indiana: *American Association of Petroleum Geologists Bulletin*, v. 74, p. 174-186.
- 1990 - Opdyke, B.N. and Wilkinson, B.H., Paleolatitude distribution of Phanerozoic marine ooids and cements: *Palaeography, Palaeoclimatology, Palaeoecology*, v. 78, p. 1-14.
- 1990 - Straccia, F.G., Wilkinson, B.H., and Smith. G.R., Nearshore development of Miocene lacustrine algal reefs- southwestern Snake River Plain, Idaho: *Sedimentary Geology*, v. 67, p. 1-17.
- 1990 - Albertzart, L.S. and Wilkinson, B.H., Backbarrier shell assemblages from the central Texas Gulf coast: *Palios*, v. 5, p. 346-355.
- 1991 - Boss, S.K. and Wilkinson, B.H., Planktogenic/eustatic control of cratonic/oceanic carbonate accumulation: *Journal of Geology*, v. 99, p. 497-513.

- 1991 - Algeo, T.J. and Wilkinson, B.H., Modern and ancient continental hypsometries: *Journal of the Geological Society of London*, p. 643-653, v. 148, p. 643-653.
- 1991 - Wilkinson, B.H., Opdyke, B.N., and Algeo, T.J., Time partitioning in cratonic carbonates: *Geology*, v. 19, p. 1093-1096.
- 1992 - Algeo, T.J., Wilkinson, B.H., and Lohmann, K.C, Meteoric-burial diagenesis of middle Pennsylvanian limestones in the Orogrande basin, New Mexico- water-rock interactions and basin geothermics: *Journal of Sedimentary Petrology*, v. 62, p. 652-670.
- 1993 - Opdyke, B.N., and Wilkinson, B.H., Oceanic carbonate saturation and cratonic carbonate accumulation: *American Journal of Science*, v. 293, p. 217-234.
- 1993 - Drummond, C.N., Wilkinson, B.H., Lohmann, K.C, and Smith, G.R., Effect of regional topography and hydrology on the lacustrine isotopic record of late Miocene paleoclimate in the southern Rocky Mountains: *Palaeogeography, Palaeoclimatology, Palaeoecology*, v. 101, p. 67-79.
- 1993 - Drummond, C.N., and Wilkinson, B.H., Carbonate cycle stacking patterns and hierarchies of orbitally-forced eustatic sealevel change: *Journal of Sedimentary Petrology*, v. 63, p. 369-377.
- 1993 - Drummond, C.N. and Wilkinson, B.H., On the use of thickness/subsidence diagrams as records of long-term sealevel change during accumulation of cyclic carbonate sequences: *Jour of Geology*, v. 101, p. 687-702.
- 1993 - Frank, T., Wilkinson, B.H., and Lohmann, K.C, Origin of submarine pisoliths and sedimentology of midwestern Silurian reefs: *Journal of Sedimentary Petrology*, v. 63, p. 1070-1077.
- 1993 - Drummond, C.N., Wilkinson, B.H., and Lohmann, K.C, Empirical determination of calcite-dolomite isotopic fractionations at sedimentary temperatures: *Carbonates and Evaporites*, v.. 8, p. 214-223
- 1993 - Drummond, C.N. and Wilkinson, B.H., Aperiodic accumulation of cyclic peritidal carbonate: *Geology*, v. 21, p. 1023-1026.
- 1994 - Berry, J.P., and Wilkinson, B.H., Paleoclimatic control on the accumulation of North American cratonic sediment: *Geological Society of America Bulletin*, v. 106, p. 855-865.
- 1994 - Drummond, C.N. and Wilkinson, B.H., Aperiodic accumulation of cyclic peritidal carbonate; Reply to a discussion by D. Osleger: *Geology*, v. 22, p. 480.
- 1995 - Wilkinson, Bruce H, Frank, Tracy D., and Klein, Robert T., Comment on: Generic types of stratigraphic cycles controlled by eustasy: *Geology*, v. 23, p. 572-573.
- 1996 - Drummond, C.N., Wilkinson, B.H., and Lohmann, K.C, Climatic control

- of fluvial- lacustrine cyclicity in the cordilleran foreland basin:
Sedimentary Geology, v. 43, p. 677-690.
- 1996 - Wilkinson, B.H., Diedrich, N.W., and Drummond, C.N., Facies successions in peritidal carbonate sequences: Journal of Sedimentary Research, v. 66, P. 1065-1078.
- 1997 - Wilkinson, B.H., Drummond, C.N., Diedrich, N.W., and Rothman, E.D., Biological mediation of stochastic peritidal carbonate accumulation: Geology, v. 25, p. 847- 850.
- 1997 - Wilkinson, B.H., Drummond, C.N., Rothman, E.D., and Diedrich, Stratal order peritidal carbonate sequences: Journal of Sedimentary Research, V. 67, P. 1068-1078.
- 1998 - Fuks, K.H., and Wilkinson, B.H., Quaternary sedimentation in two northwestern Michigan estuaries: Journal of Great Lakes Research, v. 24, p. 822-837.
- 1998 - Wilkinson, B.H., Diedrich, N.W., Drummond, C.N., and Rothman, E.D., Michigan hockey, meteoric precipitation, and carbonate accumulation on peritidal carbonate platforms: Bulletin of the Geological Society of America, v. 110, p. 1075-1093.
- 1999 - Wilkinson, B.H., Rothman, E.D., Drummond, C.N., and Diedrich, N.W., Poisson processes on Holocene carbonate platforms and in Phanerozoic peritidal sequences: Journal of Sedimentary Research, v. 69, p. 338-350.
- 1999 - Diedrich, N.W., and Wilkinson, B.H., Depositional cyclicity in the lower Devonian Helderberg Group of New York State: Journal of Geology, v. 107, p. 643-658.
- 2001 - Walker, L.J., Wilkinson, B.H., and Ivany, L.C., Continental drift and Phanerozoic carbonate accumulation in shallow shelf and deep marine settings: Journal of Geology, v. 110, p. 75-88.
- 2002 - Bowen, G.J., and Wilkinson, B.H., Spatial Distribution of $\delta^{18}\text{O}$ in Meteoric Precipitation: Geology, v. 30, p. 315-318.
- 2002 - Wilkinson, B.H., and Ivany, L.C., Paleoclimatic inference from stable isotopic compositions of accretionary biogenic hardparts - a quantitative approach to the evaluation of incomplete data: Palaeogeography, Palaeoclimatology, Palaeoecology, v. 185, p. 95-114.
- 2003 - Ivany, L.C., Wilkinson, B.H., and Jones, D.S., Using stable isotopic data to resolve rate and duration of growth throughout ontogeny: an example from the surf clam, *Spisula solidissima*: Palaios, v. 18, p. 126-137.
- 2003 - Wilkinson, B.H., Merrill, G.K., and Steven J. Kivett, S.J., Stratal order in Pennsylvanian cyclothems: Bulletin of the Geological Society of America, v. 119, p. 1068-1087.

- 2003 - Ivany, Linda C., Wilkinson, B.H., Lohmann, KC, Johnson, E.R., McElroy, B.J., and Cohen, G.J., Intra-annual isotopic variation in *venericardia* bivalves: implications for early Eocene temperature, seasonality, and salinity on the U.S. Gulf Coast: *Journal of Sedimentary Research*, January, 2004.
- 2004 - Ivany, L.C., Peters, S.C., Wilkinson, B.H., Lohmann, KC, and Reimer, B.A., Composition of the early Oligocene ocean from coral stable isotope and elemental chemistry: *Geobiology*, v. 2, p. 97-106.
- 2004 - McElroy, B.N., and Wilkinson, B.H., Climatic Control of Continental Physiography: *Journal of Geology*, V. 113, p. 47-58.
- 2004 - Wilkinson, B.H., Merrill, G.K., and Steven J. Kivett, S.J., Stratal order in Pennsylvanian cyclothems- Reply: *Bulletin of the Geological Society of America*, v. 116, p. 1549-1550.
- 2004 - Wilkinson, B.H., and Drummond, C.N. Inhomogeneous Poisson processes of carbonate accumulation in the Persian Gulf and Antiqua, *Journal of Sedimentary Research*; v. 74, p. 513-526.
- 2005 - McElroy, B.N., and Wilkinson, B.H., Tectonic and topographic control on political division: *Mathematical Geology*, v. 37, p. 197-206.
- 2005 - Dutton, Andrea L. and Wilkinson, Bruce H., Spatial distribution and seasonal variation in $18\text{O}/16\text{O}$ of modern precipitation and river water across the conterminous USA: *Hydrological Processes*, v. 19, p. 4121-4146.
- 2005 - Wilkinson, Bruce H., Humans as Geologic Agents- A Deep Time Perspective: *Geology*, v. 33, p. 161-164.
- 2006 - Drummond, Carl N. and Wilkinson, Bruce H., Interannual Variability in Climate Data, *Journal of Geology*, v. 114, p. 325-339.
- 2007 - Wilkinson, B.H. and McElroy, B.J., Impact of humans on continental sedimentation and erosion: *Geological Society of America Bulletin*, v. 119, p.140-156.
- 2007 - Kesler, S.E. and Wilkinson, B.H., The role of exhumation in the temporal distribution of ore deposits: *Economic Geology and the Bulletin of the Society of Economic Geologists*, v.102, p.155-157.
- 2007 - Wilkinson, B.H. and Kesler, S.E., Tectonism and Denudation in Convergent Margin Orogens: New Insights from Ore Deposits; *Journal of Geology*, v. 115, p. 611-627.
- 2007 - de Ridder, F., de Brauwere, A., Pintelon, R., Schoukens, J., Dehairs, F., Baeyens, W., and Wilkinson, B.H., Paleoclimatic inference from stable isotope profiles of accretionary biogenic hardparts; a quantitative approach to the evaluation of incomplete data; discussion: *Palaeogeography, Palaeoclimatology, Palaeoecology*, v. 248, p. 473-476.
- 2008 - Kesler, S.E. and Wilkinson, B.H., Earth's copper resources estimated

- from tectonic diffusion of porphyry copper deposits: *Geology*, v. 36, p. 255-258.
- 2009 - Wall, P.D., Ivany, L.C., and Wilkinson, B.H., Revisiting Raup: Exploring the influence of outcrop area on diversity in light of modern sample standardization techniques: *Paleobiology*, v. 35, p. 146-167.
- 2009 - Wilkinson, B.H., McElroy, B.J., Kesler, S.E., Peters, S.E., and Rothman, E.D., Global Geologic Maps are Tectonic Speedometers-Rates of Rock Cycling from Area-Age Frequencies: *Geological Society of America Bulletin*, v. 121, p. 760- 779.
- 2009 - Wilkinson, B.H. and Kesler, S.E., Quantitative Identification of metallogenic Epochs and Provinces: Application to Phanerozoic Porphyry Copper Deposits: *Economic Geology and the Bulletin of the Society of Economic Geologists*, v. 104, p. 607-622.
- 2009 - Kesler, S.E., and Wilkinson, B.H., Resources of gold in Phanerozoic epithermal deposits: *Economic Geology and the Bulletin of the Society of Economic Geologists*, vol. 104, p.623-633.
- 2010 - Kesler, S.E. and Wilkinson, B.H., Global Hydrothermal Gold Resources for the Next Millennium: *Society of Economic Geologists Special Publication 15*, p. 5- 18.
- 2011 - Wilkinson, B.H. and Kesler, S.E., Tectonic-diffusion Estimate of Orogenic Gold Resources: *Economic Geology and the Bulletin of the Society of Economic Geologists*, v. 105, p. 1321-1334.
- 2011 - Wilkinson, B.H., On taxonomic membership: *Paleobiology*, v. 37, p. 519-536.
- 2012 - Gombosi, D.J., and Wilkinson, B.H., Global Rates of Geologic Cycling: Tectonic Diffusion of Upper Crustal Lithosomes: *Journal of Geology, The Journal of Geology*, v. 120, p. 121-133.
- 2012 - Kula, J., Metcalf, J.R., and Wilkinson, B.H., 2012, Condensation origin for Neoproterozoic cap carbonates during deglaciation: *Comment: Geology* 40 (4):e265.
- 2013 - Satkoski, a.m., Wilkinson, B.H., Hietpas, J., and Samson, S.D., Likeness among detrital zircon populations—An approach to the comparison of age frequency data in time and space *Geological Society of America Bulletin*, v. 125, p. 1783-1799.
- 2015 - Kesler, S.E., and Wilkinson, B.H., Tectonic-diffusion estimates of global mineral resources: extending the method: granitic tin deposits: *Geological Society, London, Special Publications 393 (1)*, 277-290
- 2015 - Wilkinson, B.H., Precipitation as meteoric sediment and scaling laws of bedrock incision: Assessing the Sadler effect: *The Journal of Geology*, v. 123, p. 95-112.
- 2018 - Judd, E.J., Wilkinson, B.H., and Ivany, L.C., The life and time of clams:

Derivation of intra-annual growth rates from high-resolution oxygen isotope profiles: *Palaeogeography, Palaeoclimatology, Palaeoecology* v. 490, p. 70-83.

2018 - Wilkinson, B.H., McElroy, B.J., and Dummond, C.N., Broken Sheets - On the Numbers and Areas of Tectonic Plates: *GSA Today* v. 28.

2018 - Wissink, G.K., Wilkinson, B.H., and Hoke, G.D., Pairwise sample comparisons and multidimensional scaling of detrital zircon ages with examples from the North American platform, basin, and passive margin settings: *Lithosphere* v. 10, p. 478-491.