

# John A Bumpus

## List of Publications by Year in descending order

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29  
papers

1,066  
citations

516710

16  
h-index

454955

30  
g-index

30  
all docs

30  
docs citations

30  
times ranked

835  
citing authors

#	ARTICLE	IF	CITATIONS
1	Low-Dose Tramadol as an Off-Label Antidepressant: A Data Mining Analysis from the Patientsâ€™ Perspective. <i>ACS Pharmacology and Translational Science</i> , 2020, 3, 1293-1303.	4.9	10
2	Gas-Phase Heat of Formation Values for Buckminsterfullerene (C <sub>60</sub> ), C70 Fullerene (C <sub>70</sub> ), Corannulene, Coronene, Sumanene, and Other Polycyclic Aromatic Hydrocarbons Calculated Using Density Functional Theory (M06 2X) Coupled with a Versatile Inexpensive Group-Equivalent Approach. <i>Journal of Physical Chemistry A</i> , 2018, 122, 6615-6632.	2.5	6
3	Calculating Heat of Formation Values of Energetic Compounds: A Comparative Study. <i>Advances in Physical Chemistry</i> , 2016, 2016, 1-11.	2.0	14
4	A Theoretical Investigation of the Ring Strain Energy, Destabilization Energy, and Heat of Formation of CL-20. <i>Advances in Physical Chemistry</i> , 2012, 2012, 1-7.	2.0	20
5	Bacterial Ammeline Metabolism via Guanine Deaminase. <i>Journal of Bacteriology</i> , 2010, 192, 1106-1112.	2.2	33
6	On the heat of formation of nitromethane. <i>Journal of Physical Organic Chemistry</i> , 2008, 21, 747-757.	1.9	3
7	An in silico analysis of cytochrome c from <i>Phanerochaete chrysosporium</i> : its amino acid sequence and characterization of gene structural elements. <i>In Silico Biology</i> , 2008, 8, 1-13.	0.9	3
8	Characterization of High Explosives and Other Energetic Compounds by Computational Chemistry and Molecular Modeling. <i>Journal of Chemical Education</i> , 2007, 84, 329.	2.3	10
9	Bioremediation of Soil Contaminated with Explosives at the Naval Weapons Station Yorktown. <i>Journal of Soil Contamination</i> , 2000, 9, 537-548.	0.5	38
10	Introducing Light-Scattering Technology into the Undergraduate Curriculum. <i>Journal of Chemical Education</i> , 2000, 77, 1396.	2.3	4
11	Inactivation of <i>Coprinus cinereus</i> peroxidase by 4-chloroaniline during turnover: comparison with horseradish peroxidase and bovine lactoperoxidase. <i>Chemico-Biological Interactions</i> , 1999, 123, 197-217.	4.0	24
12	Remediation of Water Contaminated with an Azo Dye: An Undergraduate Laboratory Experiment Utilizing an Inexpensive Photocatalytic Reactor. <i>Journal of Chemical Education</i> , 1999, 76, 1680.	2.3	31
13	Biodegradation of Congo Red by <i>Phanerochaete chrysosporium</i> . <i>Water Research</i> , 1998, 32, 1713-1717.	11.3	91
14	Biomimetic Solubilization of a Low Rank Coal: Implications for Its Use in Methane Production. <i>Energy &amp; Fuels</i> , 1998, 12, 664-671.	5.1	17
15	Further Studies on the Inactivation by Sodium Azide of Lignin Peroxidase from <i>Phanerochaete chrysosporium</i> . <i>Archives of Biochemistry and Biophysics</i> , 1997, 339, 200-209.	3.0	25
16	Bioremediation of water contaminated with jet fuel-4 in a modified sequencing batch reactor. <i>Water Environment Research</i> , 1995, 67, 174-180.	2.7	6
17	Microbial degradation of azo dyes. <i>Progress in Industrial Microbiology</i> , 1995, 32, 157-176.	0.0	35
18	Biodegradation of 2,4,6-trinitrotoluene by <i>Phanerochaete chrysosporium</i> : Identification of initial degradation products and the discovery of a TNT metabolite that inhibits lignin peroxidases. <i>Current Microbiology</i> , 1994, 28, 185-190.	2.2	99

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19	Oligomers of 4-chloroaniline are intermediates formed during its biodegradation by <i>Phanerochaete chrysosporium</i> . <i>FEMS Microbiology Letters</i> , 1993, 107, 337-342.	1.8	15
20	Fungal degradation of organophosphorous insecticides. <i>Applied Biochemistry and Biotechnology</i> , 1993, 39-40, 715-726.	2.9	50
21	Inactivation of lactoperoxidase by 4-chloroaniline. <i>Journal of Agricultural and Food Chemistry</i> , 1993, 41, 2197-2201.	5.2	1
22	Biodegradation of DDE (1,1-dichloro-2,2-bis(4-chlorophenyl)ethene) by <i>Phanerochaete chrysosporium</i> . <i>Mycological Research</i> , 1993, 97, 95-98.	2.5	48
23	Inhibition of veratryl alcohol oxidase activity of lignin peroxidase H2 by 3-amino-1,2,4-triazole. <i>Archives of Biochemistry and Biophysics</i> , 1992, 293, 287-291.	3.0	14
24	Inhibition of lignin peroxidase H2 by sodium azide. <i>Archives of Biochemistry and Biophysics</i> , 1991, 288, 456-462.	3.0	19
25	Lignin peroxidase H2 from <i>Phanerochaete chrysosporium</i> : Purification, characterization and stability to temperature and pH. <i>Archives of Biochemistry and Biophysics</i> , 1990, 279, 158-166.	3.0	115
26	Biodegradation of 2,4,5-trichlorophenoxyacetic acid in liquid culture and in soil by the white rot fungus <i>Phanerochaete chrysosporium</i> . <i>Applied Microbiology and Biotechnology</i> , 1989, 31, 302.	3.6	44
27	Effects of culture parameters on DDT [1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane] biodegradation by. <i>Chemosphere</i> , 1989, 19, 1387-1398.	8.2	37
28	Biodegradation of Chlorinated Organic Compounds by <i>Phanerochaete chrysosporium</i> , a Wood-Rotting Fungus. <i>ACS Symposium Series</i> , 1987, , 340-349.	0.5	15
29	Biodegradation of environmental pollutants by the white rot fungus <i>Phanerochaete chrysosporium</i> : Involvement of the lignin degrading system. <i>BioEssays</i> , 1987, 6, 166-170.	2.5	237