

# Elham A Ghabbour

## List of Publications by Year in descending order

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34  
papers

780  
citations

516710

16  
h-index

501196

28  
g-index

39  
all docs

39  
docs citations

39  
times ranked

926  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tight metal binding by humic acids and its role in biomineralization. Journal of the Chemical Society Dalton Transactions, 1997, , 4047-4060.	1.1	148
2	Spectroscopic characterization of humic acid fractions isolated from soil using different extraction procedures. Geoderma, 2006, 133, 204-216.	5.1	86
3	Structural modeling in humic acids. Materials Science and Engineering C, 1996, 4, 175-179.	7.3	53
4	Humic Acids: Marvelous Products of Soil Chemistry. Journal of Chemical Education, 2001, 78, 1609.	2.3	43
5	Metal binding by humic acids isolated from water hyacinth plants ( <i>Eichhornia crassipes</i> [Mart.] Tj ETQq1 1 0.784314 rgBT / Overlock 10	7.5	43
6	Suitability of Different <sup>13</sup> C Solid-state NMR Techniques in the Characterization of Humic Acids. International Journal of Environmental Analytical Chemistry, 2002, 82, 183-196.	3.3	39
7	Isolation of humic acid from the brown alga <i>Pilayella littoralis</i> . Journal of Applied Phycology, 1994, 6, 459-468.	2.8	38
8	Thermodynamics of metal cation binding by a solid soil-derived humic acid: Binding of Fe(III), Pb(II), and Cu(II). Chemosphere, 2006, 63, 477-483.	8.2	33
9	National Comparison of the Total and Sequestered Organic Matter Contents of Conventional and Organic Farm Soils. Advances in Agronomy, 2017, 146, 1-35.	5.2	29
10	Isolation of humic acid from the brown algae <i>Ascophyllum nodosum</i> , <i>Fucus vesiculosus</i> , <i>Laminaria saccharina</i> and the marine angiosperm <i>Zostera marina</i> . Journal of Applied Phycology, 1996, 8, 553-562.	2.8	27
11	Thermodynamics of metal cation binding by a solid soil derived humic acid. 2. Binding of Mn(II), and Hg(II). Chemosphere, 2006, 64, 826-833.	8.2	23
12	Thermodynamics of Peat-, Plant-, and Soil-Derived Humic Acid Sorption on Kaolinite. Environmental Science & Technology, 2004, 38, 3338-3342.	10.0	21
13	The role of metal complexation in the solubility and stability of humic acid. Materials Science and Engineering C, 1996, 4, 181-187.	7.3	20
14	Adsorption of Aqueous Nucleobases, Nucleosides, and Nucleotides on Compost-Derived Humic Acid. 1. Naturally Occurring Pyrimidines. The Journal of Physical Chemistry, 1996, 100, 2410-2416.	2.9	20
15	Isolation of humic acid from the terrestrial plant <i>Brugmansia sanguinea</i> . Science of the Total Environment, 1997, 201, 79-87.	8.0	19
16	Optimized conditions for determination of total soil organic matter in diverse samples by mass loss on ignition. Journal of Plant Nutrition and Soil Science, 2014, 177, 914-919.	1.9	18
17	XAFS studies of cobalt(II) binding by solid peat and soil-derived humic acids and plant-derived humic acid-like substances. Chemosphere, 2007, 67, 285-291.	8.2	15
18	Adsorption of Aqueous Nucleobases, Nucleosides, and Nucleotides on Humic Acids. 3. Adsorption of Uracil, Uridine, and Uridine-5'-Monophosphate on a German Peat-Derived Humic Acid and Its Tightly Bound Mercury(II) Form. Journal of Physical Chemistry B, 1997, 101, 8468-8476.	2.6	13

#	ARTICLE	IF	CITATIONS
19	The effect of temperature on tight metal binding by peat and soil derived solid humic acids. Canadian Journal of Soil Science, 2001, 81, 331-336.	1.2	13
20	A "Site Creation" Model for Specific Adsorption of Aqueous Nucleobases, Nucleosides, and Nucleotides on Compost-Derived Humic Acid. Journal of Physical Chemistry B, 1997, 101, 3228-3239.	2.6	11
21	Adsorption mechanisms of nicotine on humic acid and clay humic acid complex. Zeitschrift Fur Pflanzenernahrung Und Bodenkunde = Journal of Plant Nutrition and Plant Science, 1990, 153, 33-38.	0.4	10
22	PROTON SPIN-LATTICE RELAXATION TIMES OF HUMIC ACIDS AS DETERMINED BY SOLUTION NMR. Soil Science, 2003, 168, 128-136.	0.9	9
23	Supercritical fluid CO <sub>2</sub> extraction accelerates isolation of humic acid from live <i>Pilayella littoralis</i> (Phaeophyta). Journal of Applied Phycology, 1996, 8, 545-551.	2.8	8
24	EVALUATION OF DIFFERENT SOLID-STATE <sup>13</sup> C NMR TECHNIQUES FOR CHARACTERIZING HUMIC ACIDS. , 1999, , 49-61.		8
25	Environmental insights from Langmuir adsorption site capacities. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2011, 381, 37-40.	4.7	8
26	Adsorption of Aqueous Nucleobases, Nucleosides, and Nucleotides on Compost-Derived Humic Acid. 2. Naturally Occurring Purines. The Journal of Physical Chemistry, 1996, 100, 2417-2421.	2.9	6
27	Measuring the Total and Sequestered Organic Matter Contents of Grassland and Forest Soil Profiles in the National Ecological Observatory Network Initiative. Soil Horizons, 2015, 56, 1-11.	0.3	4
28	Humic Acids are Versatile Natural Polymers. , 1995, , 677-685.		4
29	Measuring the Retained Water and Sequestered Organic Carbon Contents of Soil Profiles in Aroostook and Piscataquis Counties, Maine, USA. Soil Horizons, 2013, 54, 1.	0.3	3
30	GENERATION OF FREE RADICALS BY HUMIC ACID: IMPLICATIONS FOR BIOLOGICAL ACTIVITY. , 1998, , 203-214.		2
31	Tight Metal Binding by Solid Phase Peat and Soil Humic Acids. , 0, , 371-395.		2
32	Soil Color and US Northeast Aquods. Soil Science Society of America Journal, 2016, 80, 965-972.	2.2	2
33	ERRATUM Volume 139, Part 1, August 2002 page 113 Book Review by P. J. Loveland. Journal of Agricultural Science, 2003, 140, 251-251.	1.3	0
34	National Soil Project Underway at Northeastern University " Assistance Requested. Soil Horizons, 2011, 52, 61.	0.3	0