

# Monica Fabrizio

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/8262095/monica-fabrizio-publications-by-year.pdf>

**Version:** 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

110  
papers

2,362  
citations

24  
h-index

45  
g-index

118  
ext. papers

2,584  
ext. citations

4.1  
avg, IF

4.42  
L-index

#	Paper	IF	Citations
110	Surface Optimization of Commercial Porous Ti Substrates by EPD of Titanium Nitride. <i>Membranes</i> , <b>2022</b> , 12, 531	3.8	
109	Production Strategies of TiN Coatings via Reactive High Power Impulse Magnetron Sputtering for Selective H Separation. <i>Membranes</i> , <b>2021</b> , 11,	3.8	1
108	Effect of temperature and deposition technology on the microstructure, chemistry and tribo-mechanical characteristics of Ti-B based thin films by magnetron sputtering. <i>Surface and Coatings Technology</i> , <b>2021</b> , 405, 126556	4.4	1
107	Microwave assisted sintering of Na-Al <sub>2</sub> O <sub>3</sub> in single mode cavities: Insights in the use of 2450 MHz frequency and preliminary experiments at 5800 MHz. <i>Ceramics International</i> , <b>2020</b> , 46, 28767-28777	5.1	2
106	Insights on the Interfacial Processes Involved in the Mechanical and Redox Stability of the BaCe <sub>0.65</sub> Zr <sub>0.20</sub> Y <sub>0.15</sub> O <sub>3-δ</sub> /Ce <sub>0.85</sub> Gd <sub>0.15</sub> O <sub>2-δ</sub> Composite. <i>ACS Applied Energy Materials</i> , <b>2020</b> , 3, 9877-9888	6.1	3
105	AlTiN based thin films for degradation protection of tetrahedrite thermoelectric material. <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 792, 953-959	5.7	8
104	Assessment of synergistic effects of LP-MOCVD TiO <sub>2</sub> and Ti surface finish for dental implant purposes. <i>Applied Surface Science</i> , <b>2019</b> , 490, 568-579	6.7	5
103	Structural evolution of BaCe <sub>0.65</sub> Zr <sub>0.20</sub> Y <sub>0.15</sub> O <sub>3-δ</sub> /Ce <sub>0.85</sub> Gd <sub>0.15</sub> O <sub>2-δ</sub> Composite MPEC membrane by in-situ synchrotron XRD analyses. <i>Materials Today Energy</i> , <b>2019</b> , 13, 331-341	7	5
102	TiO <sub>2</sub> -HA bi-layer coatings for improving the bioactivity and service-life of Ti dental implants. <i>Surface and Coatings Technology</i> , <b>2019</b> , 378, 125049	4.4	7
101	Temperature dependent iterative model of thermoelectric generator including thermal losses in passive elements. <i>Applied Thermal Engineering</i> , <b>2019</b> , 150, 620-627	5.8	5
100	Single-step process to produce alumina supported hydroxy-sodalite zeolite membranes. <i>Journal of Materials Science</i> , <b>2019</b> , 54, 2049-2058	4.3	8
99	PdAg/alumina membranes prepared by high power impulse magnetron sputtering for hydrogen separation. <i>International Journal of Hydrogen Energy</i> , <b>2018</b> , 43, 7982-7989	6.7	6
98	Hydrogen separation by thin vanadium-based multi-layered membranes. <i>International Journal of Hydrogen Energy</i> , <b>2018</b> , 43, 3235-3243	6.7	25
97	Surface oxidation of single wall carbon nanohorns for the production of surfactant free water-based colloids. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 514, 528-533	9.3	18
96	Effect of external magnetic field on tribological properties of goethite (α-FeOOH) based nanofluids. <i>Tribology International</i> , <b>2018</b> , 127, 341-350	4.9	20
95	Enhanced sulfur tolerance of BaCe <sub>0.65</sub> Zr <sub>0.20</sub> Y <sub>0.15</sub> O <sub>3-δ</sub> /Ce <sub>0.85</sub> Gd <sub>0.15</sub> O <sub>2-δ</sub> Composite for hydrogen separation membranes. <i>Journal of Membrane Science</i> , <b>2018</b> , 564, 123-132	9.6	18
94	Mechanical properties and tribological behaviour of Mo-N coatings deposited via high power impulse magnetron sputtering on temperature sensitive substrates. <i>Tribology International</i> , <b>2018</b> , 119, 372-380	4.9	15

93	Ti <sub>1-x</sub> Al <sub>x</sub> N coatings by Reactive High Power Impulse Magnetron Sputtering: film/substrate interface effect on residual stress and high temperature oxidation. <i>Surface and Coatings Technology</i> , <b>2018</b> , 354, 56-65	4.4	12
92	One step synthesis and sintering of Ni and Zn substituted tetrahedrite as thermoelectric material. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 702, 75-83	5.7	14
91	NIR transmittance tuneability under a magnetic field of colloidal suspensions of goethite (FeOOH) nanorods. <i>RSC Advances</i> , <b>2017</b> , 7, 12429-12436	3.7	7
90	Polyaniline /carbon nanohorn composites as thermoelectric materials. <i>Polymer International</i> , <b>2017</b> , 66, 1725-1730	3.3	14
89	A Special Section on Thermoelectrics. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2017</b> , 17, 1543-1546	1.3	
88	Microturbine and Thermoelectric Generator Combined System: A Case Study. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2017</b> , 17, 1601-607	1.3	3
87	Influence of Al and Mg Addition on Thermoelectric Properties of Higher Manganese Silicides Obtained by Reactive Sintering. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2017</b> , 17, 1668-1673	1.3	3
86	Structural Texture Induced in SnSe Thermoelectric Compound via Open Die Pressing. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2017</b> , 17, 1571-578	1.3	5
85	Nanostructured Tetrahedrite Synthesis for Thermoelectric Applications. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2017</b> , 17, 1645-649	1.3	6
84	Improved tribological and thermal properties of lubricants by graphene based nano-additives. <i>RSC Advances</i> , <b>2016</b> , 6, 59477-59486	3.7	37
83	Thermal Shock and Oxidation Behavior of HiPIMS TiAlN Coatings Grown on Ti-48Al-2Cr-2Nb Intermetallic Alloy. <i>Materials</i> , <b>2016</b> , 9,	3.5	9
82	Structural, compositional and functional properties of Sb-doped Mg <sub>2</sub> Si synthesized in Al <sub>2</sub> O <sub>3</sub> -crucibles. <i>RSC Advances</i> , <b>2016</b> , 6, 81037-81045	3.7	6
81	Effect of precursors on Alumina electrolyte preparation. <i>Journal of the European Ceramic Society</i> , <b>2015</b> , 35, 2099-2107	6	25
80	Fast Sintering of Thermoelectric Silicide Powders Using Open Die Pressing Technique. <i>Materials Today: Proceedings</i> , <b>2015</b> , 2, 566-572	1.4	2
79	Structural, morphological and mechanical characterization of Mo sputtered coatings. <i>Surface and Coatings Technology</i> , <b>2015</b> , 266, 14-21	4.4	7
78	Exceptional hydrogen permeation of all-ceramic composite robust membranes based on BaCe <sub>0.65</sub> Zr <sub>0.20</sub> Y <sub>0.15</sub> O <sub>3-δ</sub> and Y- or Gd-doped ceria. <i>Energy and Environmental Science</i> , <b>2015</b> , 8, 3675-3686	35.4	76
77	Influence of Cu, TiO <sub>2</sub> Nanoparticles and Carbon Nano-Horns on Tribological Properties of Engine Oil. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2015</b> , 15, 3590-8	1.3	29
76	Mechanical and Electrical Characterization of Low-resistivity Contact Materials for Mg <sub>2</sub> Si. <i>Materials Today: Proceedings</i> , <b>2015</b> , 2, 573-582	1.4	10

75	Temperature controlled photoacoustic device for thermal diffusivity measurements of liquids and nanofluids. <i>Thermochimica Acta</i> , <b>2015</b> , 619, 48-52	2.9	14
74	Effect of nanostructure on the thermal conductivity of La-doped SrTiO <sub>3</sub> ceramics. <i>Journal of the European Ceramic Society</i> , <b>2014</b> , 34, 307-316	6	58
73	Effect of Synthesis and Sintering Conditions on the Thermoelectric Properties of n-Doped Mg <sub>2</sub> Si. <i>Journal of Electronic Materials</i> , <b>2014</b> , 43, 2301-2306	1.9	9
72	Tribological Properties of Engine Oil with Carbon Nano-horns as Nano-additives. <i>Tribology Letters</i> , <b>2014</b> , 55, 45-53	2.8	39
71	SIMS analysis of the interaction between plasmas and the graphite first wall in RFX-mod. <i>Surface and Interface Analysis</i> , <b>2013</b> , 45, 423-426	1.5	4
70	Introduction of Metal Oxides into Mg <sub>2</sub> Si Thermoelectric Materials by Spark Plasma Sintering. <i>Journal of Electronic Materials</i> , <b>2013</b> , 42, 2062-2066	1.9	7
69	Synthesis and Characterization of Al-Doped Mg <sub>2</sub> Si Thermoelectric Materials. <i>Journal of Electronic Materials</i> , <b>2013</b> , 42, 1956-1959	1.9	59
68	Phase Content Influence on Thermoelectric Properties of Manganese Silicide-Based Materials for Middle-High Temperatures. <i>Journal of Electronic Materials</i> , <b>2013</b> , 42, 2020-2024	1.9	15
67	The Synthesis and Effect of Copper Nanoparticles on the Tribological Properties of Lubricant Oils. <i>IEEE Nanotechnology Magazine</i> , <b>2013</b> , 12, 751-759	2.6	40
66	Tuning the thermal diffusivity of silver based nanofluids by controlling nanoparticle aggregation. <i>Nanotechnology</i> , <b>2013</b> , 24, 365601	3.4	10
65	Test Rig for High-Temperature Thermopower and Electrical Conductivity Measurements. <i>Journal of Electronic Materials</i> , <b>2013</b> , 42, 1319-1323	1.9	13
64	Electron transfer across the interface gold/self-assembled organic monolayer. Comparison of single- and two-component systems. <i>Russian Journal of Electrochemistry</i> , <b>2012</b> , 48, 351-363	1.2	5
63	Influence of Microwave-Assisted Pechini Method on La <sub>0.80</sub> Sr <sub>0.20</sub> Ga <sub>0.83</sub> Mg <sub>0.17</sub> O <sub>3</sub> Ionic Conductivity. <i>Fuel Cells</i> , <b>2012</b> , 12, 54-60	2.9	11
62	Synthesis and characterization of Bi-doped Mg <sub>2</sub> Si thermoelectric materials. <i>Journal of Solid State Chemistry</i> , <b>2012</b> , 193, 142-146	3.3	52
61	Multilayered thin films for oxidation protection of Mg <sub>2</sub> Si thermoelectric material at middle-high temperatures. <i>Thin Solid Films</i> , <b>2012</b> , 526, 150-154	2.2	11
60	Viscosity of water based SWCNH and TiO <sub>2</sub> nanofluids. <i>Experimental Thermal and Fluid Science</i> , <b>2012</b> , 36, 65-71	3	142
59	Synthesis and characterization of Bi-doped Mg <sub>2</sub> Si thermoelectric materials <b>2012</b> ,		4
58	Key Issues in Processing Metal-Supported Proton Conducting Anodes for SOFCs Applications. <i>ECS Transactions</i> , <b>2011</b> , 35, 1761-1769	1	5

57	Au/Pt nanoparticle systems in methanol and carbon monoxide electrooxidation. <i>Electrochimica Acta</i> , <b>2011</b> , 56, 3673-3678	6.7	15
56	ZnO:Al thin films deposited by RF-magnetron sputtering with tunable and uniform properties. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2011</b> , 11, 2191-5	1.3	1
55	Evaluation of the scavenging effect by low temperature laboratory plasmas driven with radiofrequency. <i>Plasma Physics and Controlled Fusion</i> , <b>2010</b> , 52, 075014	2	6
54	Cathodoluminescence evaluation of oxygen vacancy population in nanostructured titania thin films for photocatalytic applications. <i>Journal of Physical Chemistry A</i> , <b>2010</b> , 114, 5295-8	2.8	8
53	A microwave-assisted sol-gel Pechini method for the synthesis of BaCe <sub>0.65</sub> Zr <sub>0.20</sub> Y <sub>0.15</sub> O <sub>3</sub> powders. <i>Materials Research Bulletin</i> , <b>2010</b> , 45, 1171-1176	5.1	15
52	Influence of nanoparticles dispersion in POE oils on lubricity and R134a solubility. <i>International Journal of Refrigeration</i> , <b>2010</b> , 33, 1180-1186	3.8	63
51	Growth of titanium dioxide nanopetals induced by single wall carbon nanohorns. <i>Carbon</i> , <b>2010</b> , 48, 2470-2477	13.4	13
50	Novel Ru/La <sub>0.75</sub> Sr <sub>0.25</sub> Cr <sub>0.5</sub> Mn <sub>0.5</sub> O <sub>3</sub> - $\gamma$ catalysts for propane reforming in IT-SOFCs. <i>Solid State Ionics</i> , <b>2010</b> , 181, 285-291	3.3	21
49	Conductivity studies of sol-gel prepared BaCe <sub>0.85</sub> Zr <sub>x</sub> Y <sub>0.15</sub> O <sub>3</sub> solid electrolytes using impedance spectroscopy. <i>Journal of Applied Electrochemistry</i> , <b>2009</b> , 39, 2129-2141	2.6	8
48	Role of synthetic route on the transport properties of BaCe <sub>1-x</sub> Y <sub>x</sub> O <sub>3</sub> proton conductor. <i>Journal of Alloys and Compounds</i> , <b>2009</b> , 470, 477-485	5.7	56
47	High conductivity and chemical stability of BaCe <sub>1-x</sub> Zr <sub>x</sub> Y <sub>0.15</sub> O <sub>3</sub> proton conductors prepared by a sol-gel method. <i>Journal of Materials Chemistry</i> , <b>2008</b> , 18, 5120		102
46	Barium Non-Stoichiometry Role on the Properties of Ba <sub>1+x</sub> Ce <sub>0.65</sub> Zr <sub>0.20</sub> Y <sub>0.15</sub> O <sub>3</sub> Proton Conductors for IT-SOFCs. <i>Fuel Cells</i> , <b>2008</b> , 8, 360-368	2.9	39
45	Novel Au/La <sub>1-x</sub> Sr <sub>x</sub> MnO <sub>3</sub> and Au/La <sub>1-x</sub> Sr <sub>x</sub> CrO <sub>3</sub> composites: Catalytic activity for propane partial oxidation and reforming. <i>Solid State Ionics</i> , <b>2007</b> , 177, 3473-3484	3.3	21
44	3-methylthiophene self-assembled monolayers on planar and nanoparticle Au surfaces. <i>Journal of Physical Chemistry B</i> , <b>2005</b> , 109, 19397-402	3.4	29
43	Sims characterization of La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> films for solid oxide fuel cell applications. <i>Annali Di Chimica</i> , <b>2005</b> , 95, 395-403		1
42	Sol-gel synthesis of Zn-thiourea-SiO <sub>2</sub> thin films from (EtO) <sub>3</sub> Si(CH <sub>2</sub> ) <sub>3</sub> NHC(S)NHPH as molecular precursor. <i>Solid State Sciences</i> , <b>2004</b> , 6, 1287-1294	3.4	2
41	Surface chemistry study of RuO <sub>2</sub> /IrO <sub>2</sub> /TiO <sub>2</sub> mixed-oxide electrodes. <i>Rapid Communications in Mass Spectrometry</i> , <b>2004</b> , 18, 278-84	2.2	19
40	Single-Source Chemical Vapor Deposition of Zinc Sulfide-Based Thin Films from Zinc bis(O-ethylxanthate). <i>Chemical Vapor Deposition</i> , <b>2003</b> , 9, 93-98		37

39	Secondary ion mass spectrometry and X-ray photoelectron spectroscopy investigation on chemical vapor deposited CeO(2)-ZrO(2)-TiO(2) thin films. <i>Rapid Communications in Mass Spectrometry</i> , <b>2003</b> , 17, 996-1001	2.2	2
38	Nanocrystalline Pt thin films obtained via metal organic chemical vapor deposition on quartz and CaF2 substrates: an investigation of their chemico-physical properties. <i>Thin Solid Films</i> , <b>2002</b> , 405, 81-86	2.2	17
37	Influence of electrochemical processing on the composition and microstructure of chemical-vapor deposited Ru and RuO2 nanocrystalline films. <i>Journal of Materials Chemistry</i> , <b>2002</b> , 12, 1511-1518		10
36	An investigation of cobalt oxide based nanocrystalline thin films by secondary ion mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2001</b> , 15, 1621-1624	2.2	3
35	Secondary ion mass spectrometric investigation of Au-based composites. <i>Rapid Communications in Mass Spectrometry</i> , <b>2001</b> , 15, 2014-9	2.2	0
34	Secondary ion mass spectrometry in the characterisation of boron-based ceramics. <i>Rapid Communications in Mass Spectrometry</i> , <b>2001</b> , 15, 1-7	2.2	13
33	Composition and Microstructure of Cobalt Oxide Thin Films Obtained from a Novel Cobalt(II) Precursor by Chemical Vapor Deposition. <i>Chemistry of Materials</i> , <b>2001</b> , 13, 588-593	9.6	490
32	Ni-Zr alloys: relationship between surface characteristics and electrocatalytic behavior. <i>Rapid Communications in Mass Spectrometry</i> , <b>2000</b> , 14, 800-7	2.2	4
31	Secondary ion mass spectrometric investigation on ruthenium oxide systems: a comparison between poly- and nanocrystalline deposits. <i>Rapid Communications in Mass Spectrometry</i> , <b>2000</b> , 14, 1179-83	2.2	6
30	Surface chemistry of RuO(2)/IrO(2)/TiO(2) mixed-oxide electrodes: secondary ion mass spectrometric study of the changes induced by electrochemical treatment. <i>Rapid Communications in Mass Spectrometry</i> , <b>2000</b> , 14, 2165-9	2.2	14
29	Molecularly interconnected SiO2/TiO2 thin films: sol-gel synthesis and characterization. <i>Journal of Materials Chemistry</i> , <b>2000</b> , 10, 1147-1150		24
28	Characterization of Dispersion-Hardened Electrodeposited Gold Composites. Part 1: SIMS and SEM Study of Powder Inclusions. <i>Chemistry of Materials</i> , <b>2000</b> , 12, 2964-2970	9.6	2
27	A SIMS and XPS study about ions influence on electrodeposited PbO2 films. <i>Applied Surface Science</i> , <b>1999</b> , 142, 200-203	6.7	32
26	Sol-gel synthesis and characterization of Ag2S nanocrystallites in silica thin film glasses. <i>Journal of Materials Chemistry</i> , <b>1999</b> , 9, 2893-2898		29
25	A Ru(II) $\pi$ -Allylic Complex as a Novel Precursor for the CVD of Ru- and RuO2-Nanostructured Thin Films. <i>Langmuir</i> , <b>1999</b> , 15, 4537-4543	4	22
24	Secondary ion mass spectrometry characterization of NdBa2Cu3O7-x and EuBa2Cu3O7-x single crystals. <i>Rapid Communications in Mass Spectrometry</i> , <b>1998</b> , 12, 675-682	2.2	1
23	Electroformed objects for jewelry: secondary ion mass spectrometry characterization of Au films from CN-free electrolytes <b>1998</b> , 12, 857-863		2
22	Secondary ion mass spectrometry characterization of IrO2-Ta2O5 thin films: effect of relative composition on electrode properties <b>1998</b> , 12, 1574-1579		8

21	Effect of temperature on electrolytic loading of hydrogen into palladium. <i>Journal of Electroanalytical Chemistry</i> , <b>1998</b> , 453, 221-230	4.1	7
20	Ion bombardment of PbO <sub>2</sub> films: water influence of cluster production. <i>International Journal of Mass Spectrometry</i> , <b>1998</b> , 179-180, 309-317	1.9	6
19	Crystals and nanocrystals in rapidly solidified Al <sub>3</sub> Sm alloys. <i>Scripta Materialia</i> , <b>1998</b> , 10, 767-776		25
18	Influence of support material on formation of electrocatalytic thin films—secondary ion mass spectrometry study. <i>International Journal of Mass Spectrometry and Ion Processes</i> , <b>1997</b> , 161, 141-149		4
17	The insertion/extraction of deuterium (hydrogen) at Pd sheet electrodes in D <sub>2</sub> O(H <sub>2</sub> O) + LiOD(LiOH) electrolyte. <i>Journal of Electroanalytical Chemistry</i> , <b>1996</b> , 403, 143-151	4.1	9
16	Absorption-desorption of deuterium at Pd <sub>95</sub> %Rh <sub>5</sub> % alloy I: environment and temperature effects. <i>Journal of Electroanalytical Chemistry</i> , <b>1995</b> , 390, 135-142	4.1	9
15	Absorption-desorption of deuterium at Pd <sub>95</sub> %Rh <sub>5</sub> % alloy. II: Neutron emission. <i>Journal of Electroanalytical Chemistry</i> , <b>1995</b> , 395, 249-260	4.1	4
14	Electric-field effects on the neutron emission from Pd deuteride samples <b>1995</b> , 108, 1187-1205		
13	Electrolytic insertion/extraction of hydrogen (Deuterium) at AuPd surface. <i>Electrochimica Acta</i> , <b>1995</b> , 40, 1899-1906	6.7	2
12	Absorption/desorption of deuterium at Pd 95%Rh 5% alloy: peculiarities of electrochemical desorption process. <i>Electrochimica Acta</i> , <b>1994</b> , 39, 1795-1801	6.7	4
11	Anomalous effects during the interaction of subatmospheric D <sub>2</sub> (H <sub>2</sub> ) with Pd from 900 K to room temperature <b>1994</b> , 107, 171-183		2
10	Surface and bulk effects in the extraction of hydrogen from highly loaded Pd sheet electrodes. <i>Journal of Electroanalytical Chemistry</i> , <b>1993</b> , 350, 57-72	4.1	13
9	The incorporation of a corrosion inhibitor (2-benzothiazolylthiosuccinic acid) in polyoxyphenylene coatings prepared by in situ electropolymerization. <i>Corrosion Science</i> , <b>1993</b> , 35, 1527-1533	6.8	3
8	Polyaniline-based membranes for gas electrodes. <i>Journal of Electroanalytical Chemistry</i> , <b>1992</b> , 323, 197-212		20
7	Tritium and neutron emission in D <sub>2</sub> O electrolysis at Pd and Ti cathodes. <i>Journal of Electroanalytical Chemistry</i> , <b>1992</b> , 322, 107-117	4.1	4
6	Electrochemical characterization of PANI-Nafion membranes and their electrocatalytic activity. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , <b>1991</b> , 300, 23-34		30
5	The observation of tritium in the electrolysis of D <sub>2</sub> O at palladium sheet cathodes. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , <b>1991</b> , 304, 279-287		8
4	Electrochemical properties of poly(2-chloroaniline). <i>Synthetic Metals</i> , <b>1991</b> , 44, 271-280	3.6	9

- 3 Electro-catalytic oxidation of hydrazine in acid media on polyaniline-filmed vitreous carbon. *Electrochimica Acta*, **1990**, 35, 1425-1431 6.7 29
- 2 Determination of the electronic structure of thiophene oligomers and extrapolation to polythiophene. *The Journal of Physical Chemistry*, **1990**, 94, 5761-5766 107
- 1 Electro-carboxylation of 2-bromoisobutyramides. a useful synthetic way to ester-amides of 2,2-dimethylmalonic acid. *Tetrahedron*, **1988**, 44, 2351-2358 2.4 20