

Marcello Imbriani

List of Publications by Year in descending order

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Version: 2024-02-01

132
papers

4,190
citations

147801

31
h-index

138484

58
g-index

143
all docs

143
docs citations

143
times ranked

5384
citing authors

#	ARTICLE	IF	CITATIONS
1	Music in the workplace: A narrative literature review of intervention studies. Journal of Complementary and Integrative Medicine, 2021, 17, .	0.9	5
2	The new generation PFAS C6O4 does not produce adverse effects on thyroid cells in vitro. Journal of Endocrinological Investigation, 2021, 44, 1625-1635.	3.3	17
3	Hand rehabilitation with sonification techniques in the subacute stage of stroke. Scientific Reports, 2021, 11, 7237.	3.3	10
4	Algorithmic Music for Therapy: Effectiveness and Perspectives. Applied Sciences (Switzerland), 2021, 11, 8833.	2.5	8
5	Forecast of Malignant Peritoneal Mesothelioma Mortality in Italy up to 2040. International Journal of Environmental Research and Public Health, 2021, 18, 160.	2.6	4
6	Particle measurements of metal additive manufacturing to assess working occupational exposures: a comparative analysis of selective laser melting, laser metal deposition and hybrid laser metal deposition. Industrial Health, 2021, 60, 371-386.	1.0	3
7	Daily music listening to reduce work-related stress: a randomized controlled pilot trial. Journal of Public Health, 2020, 42, e81-e87.	1.8	11
8	Machine learning techniques to predict the effectiveness of music therapy: A randomized controlled trial. Computer Methods and Programs in Biomedicine, 2020, 185, 105160.	4.7	14
9	Adverse effects of inÂvitro GenX exposure on rat thyroid cell viability, DNA integrity and thyroid-related genes expression. Environmental Pollution, 2020, 264, 114778.	7.5	24
10	Thyroid Disrupting Effects of Old and New Generation PFAS. Frontiers in Endocrinology, 2020, 11, 612320.	3.5	89
11	The fitness to work certificate in a worker exposed to ionizing radiation with an oncological disease: criteria and assessment process. Radioprotection, 2019, 54, 303-307.	1.0	1
12	Effect of long- and short-chain perfluorinated compounds on cultured thyroid cells viability and response to TSH. Journal of Endocrinological Investigation, 2019, 42, 1329-1335.	3.3	20
13	The SonicHand Protocol for Rehabilitation of Hand Motor Function: A Validation and Feasibility Study. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2019, 27, 664-672.	4.9	21
14	Treatment of Biofilm Communities: An Update on New Tools from the Nanosized World. Applied Sciences (Switzerland), 2018, 8, 845.	2.5	22
15	The effect of pulsed electromagnetic field exposure on osteoinduction of human mesenchymal stem cells cultured on nano-TiO2 surfaces. PLoS ONE, 2018, 13, e0199046.	2.5	32
16	Active music therapy approach for stroke patients in the post-acute rehabilitation. Neurological Sciences, 2017, 38, 893-897.	1.9	39
17	The Music Therapy Session Assessment Scale (MTâ€SAS): Validation of a new tool for music therapy process evaluation. Clinical Psychology and Psychotherapy, 2017, 24, O1547-O1561.	2.7	2
18	Thyroid disruption by perfluorooctane sulfonate (PFOS) and perfluorooctanoate (PFOA). Journal of Endocrinological Investigation, 2017, 40, 105-121.	3.3	117

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19	PEEK Titanium Composite (PTC) for Spinal Implants. , 2017, , 427-465.		1
20	The Maugeri Stress Index – reduced form: a questionnaire for job stress assessment. Neuropsychiatric Disease and Treatment, 2017, Volume 13, 917-926.	2.2	7
21	The missing link between human ecology and public health: the case of cancer. Giornale Italiano Di Medicina Del Lavoro Ed Ergonomia, 2017, 39, 106-112.	0.3	0
22	Antimicrobial Properties and Cytocompatibility of PLGA/Ag Nanocomposites. Materials, 2016, 9, 37.	2.9	25
23	P041–Cohorts without cohorts. mapping occupational cancer in milan great area. , 2016, , .		0
24	Nanostructured TiO2 Surfaces Promote Human Bone Marrow Mesenchymal Stem Cells Differentiation to Osteoblasts. Nanomaterials, 2016, 6, 124.	4.1	24
25	Active music therapy approach in amyotrophic lateral sclerosis: a randomized-controlled trial. International Journal of Rehabilitation Research, 2016, 39, 365-367.	1.3	23
26	Pharmaceutical Industries Air Quality. Comprehensive Analytical Chemistry, 2016, , 589-621.	1.3	2
27	Osteogenic Potential of Human Oral–Periosteal Cells (PCs) Isolated From Different Oral Origin: An In Vitro Study. Journal of Cellular Physiology, 2016, 231, 607-612.	4.1	20
28	Microgravity-driven remodeling of the proteome reveals insights into molecular mechanisms and signal networks involved in response to the space flight environment. Journal of Proteomics, 2016, 137, 3-18.	2.4	40
29	Effects of active music therapy on the normal brain: fMRI based evidence. Brain Imaging and Behavior, 2016, 10, 182-186.	2.1	15
30	Professional activity, information demands, training and updating needs of occupational medicine physicians in Italy: National survey. International Journal of Occupational Medicine and Environmental Health, 2016, 29, 837-858.	1.3	17
31	P034. Technostress and primary headache: psychosocial risk. Journal of Headache and Pain, 2015, 16, A147.	6.0	1
32	P033. Headache and commuting: preliminary data in a group of workers. Journal of Headache and Pain, 2015, 16, A79.	6.0	0
33	Effect of Active Music Therapy and Individualized Listening to Music on Dementia: A Multicenter Randomized Controlled Trial. Journal of the American Geriatrics Society, 2015, 63, 1534-1539.	2.6	119
34	Determination of Glucocorticoids in UPLC-MS in Environmental Samples from an Occupational Setting. International Journal of Analytical Chemistry, 2015, 2015, 1-8.	1.0	2
35	In vitro effect of temperature on the conformational structure and collagen binding of SdrF, a Staphylococcus epidermidis adhesin. Applied Microbiology and Biotechnology, 2015, 99, 5593-5603.	3.6	4
36	Exposure to perfluorinated compounds: in vitro study on thyroid cells. Environmental Science and Pollution Research, 2015, 22, 2287-2294.	5.3	44

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37	Pleural mesothelioma: Case-report of uncommon occupational asbestos exposure in a small furniture industry. <i>International Journal of Occupational Medicine and Environmental Health</i> , 2015, 29, 523-526.	1.3	5
38	The Interaction of Bacteria with Engineered Nanostructured Polymeric Materials: A Review. <i>Scientific World Journal</i> , The, 2014, 2014, 1-18.	2.1	141
39	Invitro study of multiwall carbon nanotubes (MWCNTs) with adsorbed mitoxantrone (MTO) as a drug delivery system to treat breast cancer. <i>RSC Advances</i> , 2014, 4, 18683-18693.	3.6	22
40	Female Breast Cancer and Electrical Manufacturing: Results of a Nested Caseâ€control Study. <i>Journal of Occupational Health</i> , 2014, 56, 369-378.	2.1	11
41	Investigation of low-level laser therapy potentiality on proliferation and differentiation of human osteoblast-like cells in the absence/presence of osteogenic factors. <i>Journal of Biomedical Optics</i> , 2013, 18, 128006.	2.6	48
42	Combined Effects of Ag Nanoparticles and Oxygen Plasma Treatment on PLGA Morphological, Chemical, and Antibacterial Properties. <i>Biomacromolecules</i> , 2013, 14, 626-636.	5.4	52
43	High-Frequency Vibration Treatment of Human Bone Marrow Stromal Cells Increases Differentiation toward Bone Tissue. <i>Bone Marrow Research</i> , 2013, 2013, 1-13.	1.7	25
44	Female breast cancer in Lombardy, Italy (2002â€“2009): A caseâ€control study on occupational risks. <i>American Journal of Industrial Medicine</i> , 2013, 56, 1051-1062.	2.1	9
45	A Comparative Analysis of the <i>In Vitro</i> Effects of Pulsed Electromagnetic Field Treatment on Osteogenic Differentiation of Two Different Mesenchymal Cell Lineages. <i>BioResearch Open Access</i> , 2013, 2, 283-294.	2.6	81
46	Oxidative Activity of Ammonium Persulfate Salt on Mast Cells and Basophils: Implication in Hairdressersâ€™ Asthma. <i>International Archives of Allergy and Immunology</i> , 2013, 160, 409-419.	2.1	24
47	In Vitro Osteogenesis of Human Stem Cells by Using a Three-Dimensional Perfusion Bioreactor Culture System: A Review. <i>Recent Patents on Drug Delivery and Formulation</i> , 2013, 7, 29-38.	2.1	6
48	A Novel Antibacterial Modification Treatment of Titanium Capable to Improve Osseointegration. <i>International Journal of Artificial Organs</i> , 2012, 35, 864-875.	1.4	48
49	In vitro Antibacterial Activity of Different Self-Etch Adhesives. <i>International Journal of Artificial Organs</i> , 2012, 35, 847-853.	1.4	12
50	Occupational exposure to antineoplastic drugs in four Italian health care settings. <i>Toxicology Letters</i> , 2012, 213, 107-115.	0.8	64
51	Development of Classification Models for Identifying â€P-glycoprotein (P-gp) Inhibitors Through Inhibition, ATPase Activation and Monolayer Efflux Assays. <i>International Journal of Molecular Sciences</i> , 2012, 13, 6924-6943.	4.1	10
52	Evaluation of Bacterial Adhesion on Machined Titanium, Osseotite [®] and Nanotite [®] Discs. <i>International Journal of Artificial Organs</i> , 2012, 35, 754-761.	1.4	16
53	The in vivo effect of chelidonine on the stem cell system of planarians. <i>European Journal of Pharmacology</i> , 2012, 686, 1-7.	3.5	17
54	Occupational exposure to antineoplastic drugs in seven Italian hospitals: The effect of quality assurance and adherence to guidelines. <i>Journal of Oncology Pharmacy Practice</i> , 2011, 17, 320-332.	0.9	51

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55	Effect of Electrospun Fiber Diameter and Alignment on Macrophage Activation and Secretion of Proinflammatory Cytokines and Chemokines. <i>Biomacromolecules</i> , 2011, 12, 1900-1911.	5.4	236
56	Bone Reconstruction: Au Nanocomposite Bioglasses with Antibacterial Properties. <i>International Journal of Artificial Organs</i> , 2011, 34, 920-928.	1.4	23
57	Titanium Oxide Antibacterial Surfaces in Biomedical Devices. <i>International Journal of Artificial Organs</i> , 2011, 34, 929-946.	1.4	219
58	In vitro analysis of low-level laser irradiation on human osteoblast-like cells proliferation. <i>Proceedings of SPIE</i> , 2011, , .	0.8	0
59	Photoactivated Disinfection (PAD) in Endodontics: an <i>in vitro</i> Microbiological Evaluation. <i>International Journal of Artificial Organs</i> , 2011, 34, 889-897.	1.4	31
60	Optimizing QSAR Models for Predicting Ligand Binding to the Drug-Metabolizing Cytochrome P450 Isoenzyme CYP2D6. <i>Chemical Biology and Drug Design</i> , 2011, 78, 236-251.	3.2	6
61	Structure-Activity Relationships on Purine and 2,3-Dihydropurine Derivatives as Antitubercular Agents: a Data Mining Approach. <i>Chemical Biology and Drug Design</i> , 2011, 78, 718-724.	3.2	0
62	Identification of selective ligands for human fibrin recognition using high-throughput docking. <i>Journal of Molecular Recognition</i> , 2011, 24, 824-832.	2.1	0
63	Development of classification model batteries for predicting inhibition of tubulin polymerization by small molecules. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2011, 107, 206-214.	3.5	0
64	In vitro calcified matrix deposition by human osteoblasts onto a zinc-containing bioactive glass. , 2011, 21, 59-72.		68
65	An analysis to study trends in occupational exposure to antineoplastic drugs among health care workers. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 2593-2605.	2.3	62
66	A simple and fast method for the determination of selected organohalogenated compounds in serum samples from the general population. <i>Toxicology Letters</i> , 2010, 192, 66-71.	0.8	29
67	Perfluorooctane Sulfonate and Perfluorooctanoic Acid in Surgical Thyroid Specimens of Patients with Thyroid Diseases. <i>Thyroid</i> , 2009, 19, 1407-1412.	4.5	26
68	Evaluation of urinary biomarkers of exposure to benzene: correlation with blood benzene and influence of confounding factors. <i>International Archives of Occupational and Environmental Health</i> , 2009, 82, 985-995.	2.3	72
69	Development of QSAR models for predicting hepatocarcinogenic toxicity of chemicals. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 3658-3664.	5.5	16
70	Saliva as an analytical tool to measure occupational exposure to toluene. <i>International Archives of Occupational and Environmental Health</i> , 2008, 81, 1021-1028.	2.3	14
71	Mercapturic acids of styrene in man: Comparability of the results obtained by LC/MS/MS and by HPLC-fluorimeter, and stability of samples under different storage conditions. <i>Toxicology Letters</i> , 2006, 162, 225-233.	0.8	8
72	Determination of perfluorooctanoic acid and perfluorooctanesulfonate in human tissues by liquid chromatography/single quadrupole mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 2728-2734.	1.5	171

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73	The Italian surveillance system for occupational cancers: Characteristics, initial results, and future prospects. American Journal of Industrial Medicine, 2006, 49, 791-798.	2.1	13
74	Arrhythmogenesis in Catecholaminergic Polymorphic Ventricular Tachycardia. Circulation Research, 2006, 99, 292-298.	4.5	293
75	High-pressure liquid chromatographic-mass spectrometric determination of sorbic acid in urine: Verification of formation of trans,trans-muconic acid. Chemico-Biological Interactions, 2005, 153-154, 243-246.	4.0	21
76	Gases and organic solvents in urine as biomarkers of occupational exposure: a review. International Archives of Occupational and Environmental Health, 2005, 78, 1-19.	2.3	55
77	Determination of urinary S-phenylmercapturic acid, a specific metabolite of benzene, by liquid chromatography/single quadrupole mass spectrometry. Rapid Communications in Mass Spectrometry, 2005, 19, 1139-1144.	1.5	27
78	Cytogenetic markers, DNA single-strand breaks, urinary metabolites, and DNA repair rates in styrene-exposed lamination workers.. Environmental Health Perspectives, 2004, 112, 867-871.	6.0	70
79	A Field Method for Sampling Toluene in End-Exhaled Air, as a Biomarker of Occupational Exposure: Correlation with Other Exposure Indices.. Industrial Health, 2004, 42, 226-234.	1.0	23
80	Occupational exposure of midwives to nitrous oxide on delivery suites * Author's reply. Occupational and Environmental Medicine, 2004, 61, 558-558.	2.8	6
81	Urinary determination of N -acetyl- S -(N -methylcarbamoyl)cysteine and N -methylformamide in workers exposed to N , N -dimethylformamide. International Archives of Occupational and Environmental Health, 2002, 75, 445-452.	2.3	17
82	Measurement of urinary N-acetyl-S-(N-methylcarbamoyl)cysteine by high-performance liquid chromatography with direct ultraviolet detection. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2002, 778, 231-236.	2.3	8
83	METABOLIC POLYMORPHISMS AND URINARY BIOMARKERS IN SUBJECTS WITH LOW BENZENE EXPOSURE. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2001, 64, 607-618.	2.3	65
84	Trichloroethylene in Urine as Biological Exposure Index.. Industrial Health, 2001, 39, 225-230.	1.0	17
85	Exposure to benzene in urban workers: environmental and biological monitoring of traffic police in Rome. Occupational and Environmental Medicine, 2001, 58, 165-171.	2.8	111
86	Environmental and biological monitoring of traffic wardens from the city of Rome. Occupational Medicine, 2001, 51, 198-203.	1.4	61
87	Importance of genetic polymorphisms of drug-metabolizing enzymes for the interpretation of biomarkers of exposure to styrene. Biomarkers, 2001, 6, 236-249.	1.9	40
88	Evaluation of half-mask respirator protection in styrene-exposed workers. International Archives of Occupational and Environmental Health, 2000, 73, 56-60.	2.3	13
89	Determination of S-phenylmercapturic acid in urine as an indicator of exposure to benzene. Toxicology Letters, 1999, 108, 329-334.	0.8	32
90	Biological monitoring of workers exposed to carbon disulfide (CS ₂) in a viscose rayon fibers factory. , 1998, 33, 478-484.		15

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91	Determination of Specific Mercapturic Acids as an Index of Exposure to Environmental Benzene, Toluene, and Styrene.. Industrial Health, 1997, 35, 489-501.	1.0	28
92	The urinary excretion of solvents and gases for the biological monitoring of occupational exposure: a review. Science of the Total Environment, 1997, 199, 3-12.	8.0	32
93	Excretion of N-acetyl-S-(1-phenyl-2-hydroxyethyl)-cysteine and N-acetyl-S-(2-phenyl-2-hydroxyethyl)-cysteine in workers exposed to styrene. Science of the Total Environment, 1997, 199, 13-22.	8.0	13
94	Urinary excretion of specific mercapturic acids in workers exposed to styrene. , 1997, 31, 636-644.		27
95	The Determination of Trans, Trans-Muconic Acid in Urine as an Indicator of Occupational Exposure to Benzene. Journal of Occupational and Environmental Hygiene, 1996, 11, 187-192.	0.4	13
96	Determination of urinary mercapturic acids of styrene in man by high-performance liquid chromatography with fluorescence detection. Biomedical Applications, 1996, 687, 387-394.	1.7	15
97	Acetone in Urine as Biological Index of Occupational Exposure to Isopropyl Alcohol.. Industrial Health, 1996, 34, 409-414.	1.0	6
98	Low flow anaesthesia reduces occupational exposure to inhalation anaesthetics Environmental and biological measurements in operating room personnel. Acta Anaesthesiologica Scandinavica, 1995, 39, 586-591.	1.6	37
99	Anesthetic in urine as biological index of exposure in operating room personnel. Journal of Toxicology and Environmental Health - Part A: Current Issues, 1995, 46, 249-260.	2.3	22
100	Prognostic value of serum IgM and platelet count in the first stages of HIV infection. European Journal of Haematology, 1995, 55, 209-210.	2.2	0
101	Evaluation of occupational exposure to benzene by urinalysis. International Archives of Occupational and Environmental Health, 1995, 67, 195-200.	2.3	85
102	Biological Monitoring of Workers Exposed to Carbon Tetrachloride Vapor. Journal of Occupational and Environmental Hygiene, 1994, 9, 353-357.	0.4	6
103	Biological Monitoring of Occupational Exposure to Enflurane (Ethrane) in Operating Room Personnel. Archives of Environmental Health, 1994, 49, 135-140.	0.4	3
104	Determination of 2,5-hexandione by high-performance liquid chromatography after derivatization with dansylhydrazine. Biomedical Applications, 1994, 657, 111-117.	1.7	11
105	Serum albumin and other parameters in HIV infected intravenous drug users. Journal of Infection, 1993, 26, 233-234.	3.3	0
106	On the need of a sampling strategy in biological monitoring: The example of hexane exposure. International Archives of Occupational and Environmental Health, 1993, 65, S171-S176.	2.3	8
107	Carbon Disulfide and the Central Nervous System: A 15-Year Neurobehavioral Surveillance of an Exposed Population. Environmental Research, 1993, 63, 252-263.	7.5	15
108	Hypoalbuminemia in Human Immunodeficiency Virus Infection: Causes and Possible Prognostic Value. Journal of Parenteral and Enteral Nutrition, 1993, 17, 101-102.	2.6	2

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109	Urinary excretion of unmetabolized benzene as an indicator of benzene exposure. Journal of Toxicology and Environmental Health - Part A: Current Issues, 1993, 38, 233-243.	2.3	61
110	METHYLENE CHLORIDE EXPOSURE IN INDUSTRIAL WORKERS. AIHA Journal, 1993, 54, 27-31.	0.4	20
111	An Evaluation of a New Portable Multi-Gas Monitor. Journal of Occupational and Environmental Hygiene, 1993, 8, 283-287.	0.4	3
112	Thrombocytopenia (TP) in HIV infection. European Journal of Haematology, 1993, 50, 239-240.	2.2	6
113	Hypoalbuminemia in human immunodeficiency virus infection: causes and possible prognostic value. Journal of Parenteral and Enteral Nutrition, 1993, 17, 101-102.	2.6	1
114	Urinary styrene in the biological monitoring of styrene exposure.. Scandinavian Journal of Work, Environment and Health, 1993, 19, 175-182.	3.4	31
115	Methylene Chloride Exposure in Industrial Workers. AIHA Journal, 1993, 54, 27-31.	0.4	0
116	Acquired Dyschromatopsia among Styrene-Exposed Workers. Journal of Occupational and Environmental Medicine, 1991, 33, 761-765.	1.7	82
117	Biological monitoring of the occupational exposure to halothane (fluothane) in operating room personnel. American Journal of Industrial Medicine, 1991, 20, 103-112.	2.1	11
118	1,2-Dichloropropane hepatotoxicity in rats after inhalation exposure. Journal of Applied Toxicology, 1990, 10, 391-394.	2.8	5
119	Biological Monitoring of Occupational Exposure to Styrene. Journal of Occupational and Environmental Hygiene, 1990, 5, 223-228.	0.4	4
120	Conjugated serum bile acid concentrations in workers exposed to low doses of toluene and xylene.. Occupational and Environmental Medicine, 1989, 46, 141-142.	2.8	9
121	Urinary Excretion of Tetrachloroethylene (Perchloroethylene) in Experimental and Occupational Exposure. Archives of Environmental Health, 1988, 43, 292-298.	0.4	15
122	Evaluation of exposure to isoflurane (forane): Environmental and biological measurements in operating room personnel. Journal of Toxicology and Environmental Health - Part A: Current Issues, 1988, 25, 393-402.	2.3	15
123	Urinary Concentration, Environmental Concentration, and Respiratory Uptake of Some Solvents: Effect of the Work Load. AIHA Journal, 1988, 49, 546-552.	0.4	35
124	Nitrous Oxide (N ₂ O) in Urine as Biological Index of Exposure in Operating Room Personnel. Applied Industrial Hygiene, 1988, 3, 223-226.	0.1	22
125	1,1,1-trichloroethane (methyl chloroform) in urine as biological index of exposure. American Journal of Industrial Medicine, 1988, 13, 211-222.	2.1	15
126	The Urinary Concentration of Solvents as a Biological Indicator of Exposure: Proposal for the Biological Equivalent Exposure Limit for Nine Solvents. AIHA Journal, 1987, 48, 786-790.	0.4	122

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127	Toluene and Styrene in Urine as Biological Exposure Indices. Applied Industrial Hygiene, 1986, 1, 172-176.	0.1	15
128	Effects of Dimethylformamide (DMF) on Coagulation and Platelet Activity. Archives of Environmental Health, 1986, 41, 90-93.	0.4	5
129	Urinary elimination of acetone in experimental and occupational exposure.. Scandinavian Journal of Work, Environment and Health, 1986, 12, 603-608.	3.4	41
130	Urinary elimination of styrene in experimental and occupational exposure.. Scandinavian Journal of Work, Environment and Health, 1985, 11, 371-379.	3.4	25
131	n-Hexane urine elimination and weighted exposure concentration. International Archives of Occupational and Environmental Health, 1984, 55, 33-41.	2.3	14
132	Can Nanotechnology Shine a New Light on Antimicrobial Photodynamic Therapies?. , 0, , .		2