

Alan Boyde

List of Publications by Year in descending order

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165
papers

7,514
citations

50276

46
h-index

64796

79
g-index

171
all docs

171
docs citations

171
times ranked

5658
citing authors

#	ARTICLE	IF	CITATIONS
1	Periarticular calcifications containing giant pseudo-crystals of francolite in skeletal fluorosis from 1,1-difluoroethane <i>huffing</i> . <i>Bone</i> , 2022, , 116421.	2.9	2
2	Multiscale molecular profiling of pathological bone resolves sexually dimorphic control of extracellular matrix composition. <i>DMM Disease Models and Mechanisms</i> , 2021, 14, .	2.4	4
3	Gene expression analysis of subchondral bone, cartilage, and synovium in naturally occurring equine palmar/plantar osteochondral disease. <i>Journal of Orthopaedic Research</i> , 2021, , .	2.3	0
4	The Bone Cartilage Interface and Osteoarthritis. <i>Calcified Tissue International</i> , 2021, 109, 303-328.	3.1	19
5	Accelerating functional gene discovery in osteoarthritis. <i>Nature Communications</i> , 2021, 12, 467.	12.8	33
6	A comparative histological study of the osteoderms in the lizards <i>Heloderma suspectum</i> (Squamata: Helodermatidae) and <i>Varanus komodoensis</i> (Squamata: Varanidae). <i>Journal of Anatomy</i> , 2020, 236, 1035-1043.	1.5	18
7	RANKL Inhibition in Fibrous Dysplasia of Bone: A Preclinical Study in a Mouse Model of the Human Disease. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 2171-2182.	2.8	39
8	PYY is a negative regulator of bone mass and strength. <i>Bone</i> , 2019, 127, 427-435.	2.9	12
9	Regulation of the Bone Vascular Network is Sexually Dimorphic. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 2117-2132.	2.8	19
10	Bi-allelic CSF1R Mutations Cause Skeletal Dysplasia of Dysosteosclerosis-Pyle Disease Spectrum and Degenerative Encephalopathy with Brain Malformation. <i>American Journal of Human Genetics</i> , 2019, 104, 925-935.	6.2	92
11	Scanning Electron Microscopy of Bone. <i>Methods in Molecular Biology</i> , 2019, 1914, 571-616.	0.9	13
12	Evaluation of laser ablation microtomy for correlative microscopy of hard tissues. <i>Journal of Microscopy</i> , 2018, 271, 17-30.	1.8	8
13	An Essential Physiological Role for MCT8 in Bone in Male Mice. <i>Endocrinology</i> , 2017, 158, 3055-3066.	2.8	15
14	A distinctive patchy osteomalacia characterises <i>Phospho1</i> deficient mice. <i>Journal of Anatomy</i> , 2017, 231, 298-308.	1.5	21
15	A Review of Tooth Implantation Among Rhynchocephalians (Lepidosauria). <i>Journal of Herpetology</i> , 2017, 51, 300-306.	0.5	27
16	Bisphosphonate-induced zebra lines in fibrous dysplasia of bone: histo-radiographic correlation in a case of McCune-Albright syndrome. <i>Skeletal Radiology</i> , 2017, 46, 1435-1439.	2.0	15
17	Activating the unfolded protein response in osteocytes causes hyperostosis consistent with craniodiaphyseal dysplasia. <i>Human Molecular Genetics</i> , 2017, 26, 4572-4587.	2.9	28
18	Dmp1 Promoter-Driven Diphtheria Toxin Receptor Transgene Expression Directs Unforeseen Effects in Multiple Tissues. <i>International Journal of Molecular Sciences</i> , 2017, 18, 29.	4.1	6

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19	What does the arthropathy of alkaptonuria teach us about disease mechanisms in osteoarthritis and ageing of joints?. <i>Rheumatology</i> , 2016, 55, 1151-1152.	1.9	6
20	Detection of early osteoarthritis in the centrodistal joints of Icelandic horses: Evaluation of radiography and low-field magnetic resonance imaging. <i>Equine Veterinary Journal</i> , 2016, 48, 57-64.	1.7	17
21	Multiscale alterations in bone matrix quality increased fragility in steroid induced osteoporosis. <i>Bone</i> , 2016, 84, 15-24.	2.9	40
22	Osteoblast-Specific Expression of the Fibrous Dysplasia (FD)-Causing Mutation <i>Gs1±R201C</i> Produces a High Bone Mass Phenotype but Does Not Reproduce FD in the Mouse. <i>Journal of Bone and Mineral Research</i> , 2015, 30, 1030-1043.	2.8	31
23	Lessons from rare diseases of cartilage and bone. <i>Current Opinion in Pharmacology</i> , 2015, 22, 107-114.	3.5	20
24	High Density Infill in Cracks and Protrusions from the Articular Calcified Cartilage in Osteoarthritis in Standardbred Horse Carpal Bones. <i>International Journal of Molecular Sciences</i> , 2015, 16, 9600-9611.	4.1	18
25	High density mineralised protrusions from the tidemark into hyaline cartilage in human joints. <i>Osteoarthritis and Cartilage</i> , 2015, 23, A318-A319.	1.3	1
26	An Investigation of the Mineral in Ductile and Brittle Cortical Mouse Bone. <i>Journal of Bone and Mineral Research</i> , 2015, 30, 786-795.	2.8	47
27	Adipocytic Templating of Bone Matrix Deposition in Osteoarthropathies. <i>FASEB Journal</i> , 2015, 29, 702.2.	0.5	0
28	Mineralisation of collagen rich soft tissues and osteocyte lacunae in <i>Enpp1</i> mice. <i>Bone</i> , 2014, 69, 139-147.	2.9	57
29	On fragmenting, densely mineralised acellular protrusions into articular cartilage and their possible role in osteoarthritis. <i>Journal of Anatomy</i> , 2014, 225, 436-446.	1.5	27
30	Constitutive Expression of <i>Gs1±R201C</i> in Mice Produces a Heritable, Direct Replica of Human Fibrous Dysplasia Bone Pathology and Demonstrates Its Natural History. <i>Journal of Bone and Mineral Research</i> , 2014, 29, 2357-2368.	2.8	66
31	Iodine vapor staining for atomic number contrast in backscattered electron and X-ray imaging. <i>Microscopy Research and Technique</i> , 2014, 77, 1044-1051.	2.2	45
32	Osteochondral lesions in distal tarsal joints of Icelandic horses reveal strong associations between hyaline and calcified cartilage abnormalities. , 2014, 27, 213-236.		12
33	Pathological and clinical features associated with palmar/plantar osteochondral disease of the metacarpal/metatarsophalangeal joint in Thoroughbred racehorses. <i>Equine Veterinary Journal</i> , 2013, 45, 587-592.	1.7	46
34	Horse's training and race-level risk factors for palmar/plantar osteochondral disease in the racing Thoroughbred. <i>Equine Veterinary Journal</i> , 2013, 45, 582-586.	1.7	27
35	Symmetrically reduced stiffness and increased extensibility in compression and tension at the mineralized fibrillar level in rachitic bone. <i>Bone</i> , 2013, 52, 689-698.	2.9	20
36	Rapid-Throughput Skeletal Phenotyping of 100 Knockout Mice Identifies 9 New Genes That Determine Bone Strength. <i>PLoS Genetics</i> , 2012, 8, e1002858.	3.5	73

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37	Mice Lacking the Calcineurin Inhibitor Rcan2 Have an Isolated Defect of Osteoblast Function. <i>Endocrinology</i> , 2012, 153, 3537-3548.	2.8	22
38	Scanning Electron Microscopy of Bone. <i>Methods in Molecular Biology</i> , 2012, 816, 365-400.	0.9	24
39	Significant deterioration in nanomechanical quality occurs through incomplete extrafibrillar mineralization in rachitic bone: Evidence from in-situ synchrotron X-ray scattering and backscattered electron imaging. <i>Journal of Bone and Mineral Research</i> , 2012, 27, 876-890.	2.8	58
40	Identification of trabecular excrescences, novel microanatomical structures, present in bone in osteoarthropathies. , 2012, 23, 300-309.		25
41	Staining plastic blocks with triiodide to image cells and soft tissues in backscattered electron SEM of skeletal and dental tissues. , 2012, 24, 154-161.		18
42	The role of calcified cartilage and subchondral bone in the initiation and progression of ochronotic arthropathy in alkaptonuria. <i>Arthritis and Rheumatism</i> , 2011, 63, 3887-3896.	6.7	95
43	Cartilage damage involving extrusion of mineralisable matrix from the articular calcified cartilage and subchondral bone. , 2011, 21, 470-478.		57
44	Combined nanoindentation testing and scanning electron microscopy of bone and articular calcified cartilage in an equine fracture predilection site. , 2010, 19, 242-251.		20
45	Confocal scanning optical microscopy of a 3-million-year-old <i>Australopithecus afarensis</i> femur. <i>Scanning</i> , 2009, 31, 1-10.	1.5	36
46	Post mortem evaluation of palmar osteochondral disease (traumatic osteochondrosis) of the metacarpo/metatarsophalangeal joint in Thoroughbred racehorses. <i>Equine Veterinary Journal</i> , 2009, 41, 366-371.	1.7	107
47	Microstructure and mineral composition of dystrophic calcification associated with the idiopathic inflammatory myopathies. <i>Arthritis Research and Therapy</i> , 2009, 11, R159.	3.5	36
48	Changes in mineralised tissue at the site of origin of condylar fracture are present before athletic training in Thoroughbred horses. <i>New Zealand Veterinary Journal</i> , 2009, 57, 278-283.	0.9	20
49	Composite bounds on the elastic modulus of bone. <i>Journal of Biomechanics</i> , 2008, 41, 2585-2588.	2.1	70
50	Electroless plating-A new technique for the preparation of hard tissue specimens for scanning electron microscopy. <i>Scanning</i> , 2008, 16, 18-20.	1.5	1
51	High resolution microscopic survey of third metacarpal articular calcified cartilage and subchondral bone in the juvenile horse: Possible implications in chondro-osseous disease. <i>Microscopy Research and Technique</i> , 2008, 71, 477-488.	2.2	24
52	Exercise does not affect stiffness and mineralisation of third metacarpal condylar subarticular calcified tissues in 2 year old thoroughbred racehorses. , 2008, 16, 40-46.		17
53	Variations in articular calcified cartilage by site and exercise in the 18-month-old equine distal metacarpal condyle. <i>Osteoarthritis and Cartilage</i> , 2007, 15, 1283-1292.	1.3	39
54	Novel Mouse Model of Autosomal Semidominant Adult Hypophosphatasia Has a Splice Site Mutation in the Tissue Nonspecific Alkaline Phosphatase Gene <i>Akp2</i> . <i>Journal of Bone and Mineral Research</i> , 2007, 22, 1397-1407.	2.8	34

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55	Improved depth of field in the scanning electron microscope derived from through-focus image stacks. <i>Scanning</i> , 2006, 26, 265-269.	1.5	8
56	Registration of confocal scanning laser microscopy and quantitative backscattered electron images for the temporospatial quantification of mineralization density in 18-month old thoroughbred racehorse articular calcified cartilage. <i>Scanning</i> , 2006, 27, 219-226.	1.5	8
57	Viscoelastic properties of bone as a function of hydration state determined by nanoindentation. <i>Philosophical Magazine</i> , 2006, 86, 5691-5703.	1.6	117
58	Hydration effects on the micro-mechanical properties of bone. <i>Journal of Materials Research</i> , 2006, 21, 1962-1968.	2.6	89
59	Understanding the Structure of the Mammalian Mineralised Tissues Through Their Development. <i>Materials Research Society Symposia Proceedings</i> , 2005, 898, 1.	0.1	0
60	Musculoskeletal responses of 2-year-old Thoroughbred horses to early training. 8. Quantitative back-scattered electron scanning electron microscopy and confocal fluorescence microscopy of the epiphysis of the third metacarpal bone. <i>New Zealand Veterinary Journal</i> , 2005, 53, 123-132.	0.9	100
61	Nanoindentation Measurements of Bone Viscoelasticity as a Function of Hydration State. <i>Materials Research Society Symposia Proceedings</i> , 2005, 898, 1.	0.1	1
62	Combining confocal and BSE SEM imaging for bone block surfaces. , 2005, 9, 33-38.		23
63	Nanoindentation of bone: Comparison of specimens tested in liquid and embedded in polymethylmethacrylate. <i>Journal of Materials Research</i> , 2004, 19, 249-259.	2.6	145
64	Elastic modulus of dental enamel: effect of enamel prism orientation and mineral content. <i>Materials Research Society Symposia Proceedings</i> , 2004, 844, 1.	0.1	2
65	Contribution of Collagen, Mineral and Water Phases to the Nanomechanical Properties of Bone. <i>Materials Research Society Symposia Proceedings</i> , 2004, 841, R2.8.1/Y2.8.1.	0.1	1
66	Elastic modulus of dental enamel: effect of enamel prism orientation and mineral content. <i>Materials Research Society Symposia Proceedings</i> , 2004, 841, R2.7.1/Y2.7.1.	0.1	1
67	Articular calcified cartilage canals in the third metacarpal bone of 2-year-old thoroughbred racehorses. <i>Journal of Anatomy</i> , 2004, 205, 491-500.	1.5	27
68	Contribution of Collagen, Mineral and Water Phases to the Nanomechanical Properties of Bone. <i>Materials Research Society Symposia Proceedings</i> , 2004, 844, 1.	0.1	2
69	Nanoindentation of bone: Comparison of specimens tested in liquid and embedded in polymethylmethacrylate. <i>Journal of Materials Research</i> , 2004, 19, 249-259.	2.6	3
70	Volumes From Which Calcium and Phosphorus X-Rays Arise in Electron Probe Emission Microanalysis of Bone: Monte Carlo Simulation. <i>Calcified Tissue International</i> , 2003, 72, 745-749.	3.1	17
71	Improved digital SEM of cancellous bone: scanning direction of detection, through focus for in-focus and sample orientation. <i>Journal of Anatomy</i> , 2003, 202, 183-194.	1.5	24
72	Nanomechanical properties and mineral concentration in articular calcified cartilage and subchondral bone. <i>Journal of Anatomy</i> , 2003, 203, 191-202.	1.5	217

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73	The real response of bone to exercise. <i>Journal of Anatomy</i> , 2003, 203, 173-189.	1.5	131
74	Morphologic Detail of Aging Bone in Human Vertebrae. <i>Endocrine</i> , 2002, 17, 05-14.	2.2	7
75	14 Improved scanning electron microscopy of cancellous bone in lumbar vertebral bodies through colour coding direction of detection and using best component of through focus. <i>Journal of Anatomy</i> , 2002, 201, 420-1.	1.5	2
76	Fast intracellular motion in the living cell by video rate reflection confocal laser scanning microscopy. <i>Journal of Anatomy</i> , 2001, 198, 641-649.	1.5	7
77	Glutamate Does Not Play a Major Role in Controlling Bone Growth. <i>Journal of Bone and Mineral Research</i> , 2001, 16, 742-749.	2.8	42
78	Gnathodiaphyseal Dysplasia: A Syndrome of Fibro-Osseous Lesions of Jawbones, Bone Fragility, and Long Bone Bowing. <i>Journal of Bone and Mineral Research</i> , 2001, 16, 1710-1718.	2.8	61
79	Structure and mineralisation density of antler and pedicle bone in red deer (<i>Cervus elaphus</i> L.) exposed to different levels of environmental fluoride: a quantitative backscattered electron imaging study. <i>Journal of Anatomy</i> , 2000, 196, 71-83.	1.5	24
80	Osteoclastic resorption of equine cranial and postcranial bone in vitro. <i>Journal of Bone and Mineral Metabolism</i> , 2000, 18, 148-152.	2.7	1
81	Correlative light and backscattered electron microscopy of bone – Part II: Automated image analysis. <i>Scanning</i> , 2000, 22, 337-344.	1.5	9
82	Autologous bone marrow stromal cells loaded onto porous hydroxyapatite ceramic accelerate bone repair in critical-size defects of sheep long bones. <i>Journal of Biomedical Materials Research Part B</i> , 2000, 49, 328.	3.1	19
83	Multiple Oblique Illumination Method of High Definition Stereo Microscopy. , 1999, , 1-24.		0
84	The Mineralization Density of Iliac Crest Bone from Children with Osteogenesis Imperfecta. <i>Calcified Tissue International</i> , 1999, 64, 185-190.	3.1	171
85	Osteoconduction in large macroporous hydroxyapatite ceramic implants: evidence for a complementary integration and disintegration mechanism. <i>Bone</i> , 1999, 24, 579-589.	2.9	155
86	Three dimensional structure of the distal condyles of the third metacarpal bone of the horse. <i>Equine Veterinary Journal</i> , 1999, 31, 122-129.	1.7	57
87	Structural variation of the distal condyles of the third metacarpal and third metatarsal bones in the horse. <i>Equine Veterinary Journal</i> , 1999, 31, 130-139.	1.7	95
88	Pathology of the distal condyles of the third metacarpal and third metatarsal bones of the horse. <i>Equine Veterinary Journal</i> , 1999, 31, 140-148.	1.7	172
89	Effect of exercise on bone density in distal regions of the equine third metacarpal bone in 2-year-old Thoroughbreds. <i>Equine Veterinary Journal</i> , 1999, 31, 555-560.	1.7	26
90	Age changes in bone. <i>Gerodontology</i> , 1998, 15, 25-34.	2.0	22

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91	Mineralisation density of human mandibular bone: quantitative backscattered electron image analysis. <i>Journal of Anatomy</i> , 1998, 192, 245-256.	1.5	80
92	Effect of estrogen suppression on the mineralization density of iliac crest biopsies in young women as assessed by backscattered electron imaging. <i>Bone</i> , 1998, 22, 241-250.	2.9	51
93	Aspects of Anatomy and Development of Bone: the nm, $\frac{1}{4}$ m and mm Hierarchy. <i>Advances in Organ Biology</i> , 1998, , 3-44.	0.1	14
94	Impaired osteoclastic bone resorption leads to osteopetrosis in cathepsin-K-deficient mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 13453-13458.	7.1	839
95	Mean atomic number and backscattered electron coefficient calculations for some materials with low mean atomic number. <i>Scanning</i> , 1998, 20, 35-40.	1.5	60
96	3-D microscopy to assess bone healing around dental implants. <i>Scanning</i> , 1998, 20, 150-1.	1.5	0
97	Quantitative backscattered electron imaging and analysis of urinary stones. <i>Scanning</i> , 1998, 20, 194.	1.5	1
98	Microstructure of Enamel. <i>Novartis Foundation Symposium</i> , 1997, 205, 18-31.	1.1	32
99	Scanning electron microscopy of bone: Instrument, specimen, and issues. <i>Microscopy Research and Technique</i> , 1996, 33, 92-120.	2.2	100
100	Pattern of collagen fiber orientation in the ovine calcaneal shaft and its relation to locomotor-induced strain. <i>The Anatomical Record</i> , 1995, 242, 147-158.	1.8	51
101	Vital confocal microscopy in bone. <i>Scanning</i> , 1995, 17, 72-85.	1.5	24
102	Mapping and Measuring Surfaces Using Reflection Confocal Microscopy. , 1995, , 255-266.		23
103	Correlated alkaline phosphatase histochemistry and quantitative backscattered electron imaging in the study of rat incisor ameloblasts and enamel mineralization. <i>Microscopy Research and Technique</i> , 1994, 29, 29-36.	2.2	23
104	Inhibition of bone resorption by selective inactivators of cysteine proteinases. <i>Journal of Cellular Biochemistry</i> , 1994, 56, 118-130.	2.6	118
105	High temporal and spatial resolution studies of bone cells using real-time confocal reflection microscopy. <i>Scanning</i> , 1994, 16, 285-294.	1.5	5
106	Effects of medium acidification by alteration of carbon dioxide or bicarbonate concentrations on the resorptive activity of rat osteoclasts. <i>Journal of Bone and Mineral Research</i> , 1994, 9, 375-379.	2.8	38
107	The application of confocal microscopy to the study of stone weathering. <i>Earth Surface Processes and Landforms</i> , 1993, 18, 769-775.	2.5	13
108	Functional associations between collagen fibre orientation and locomotor strain direction in cortical bone of the equine radius. <i>Anatomy and Embryology</i> , 1993, 187, 231-8.	1.5	95

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109	Confocal images of marrow stromal (Westen-Bainton) cells. <i>Histochemistry</i> , 1993, 100, 93-99.	1.9	40
110	Scanning electron microscopy of human lumbar vertebral trabecular bone surfaces. <i>Virchows Archiv A, Pathological Anatomy and Histopathology</i> , 1993, 422, 25-34.	1.4	37
111	Novel Method for Stereo Imaging in Light Microscopy at High Magnifications. <i>NeuroImage</i> , 1993, 1, 121-128.	4.2	29
112	Stereology and histogram analysis of backscattered electron images: Age changes in bone. <i>Bone</i> , 1993, 14, 205-210.	2.9	56
113	Biocompatibility tests on a novel glass-ceramic system. <i>Journal of Applied Biomaterials: an Official Journal of the Society for Biomaterials</i> , 1992, 3, 217-224.	1.2	6
114	Diagenetic alteration to teeth in situ illustrated by backscattered electron imaging. <i>Scanning</i> , 1991, 13, 173-183.	1.5	80
115	New confocal LM method for studying local relative microrelief with special reference to wear studies. <i>Scanning</i> , 1991, 13, 429-430.	1.5	21
116	Pitfalls in pit measurement. <i>Calcified Tissue International</i> , 1991, 49, 65-70.	3.1	52
117	An evaluation of unilateral TSM for biological applications. <i>Scanning</i> , 1990, 12, 273-279.	1.5	12
118	Human cranial bone structure and the healing of cranial bone grafts: a study using backscattered electron imaging and confocal microscopy. <i>Anatomy and Embryology</i> , 1990, 181, 235-51.	1.5	38
119	SEM study of surface alterations of bioactive glasses and glass-ceramics in a bony implantation bed. <i>Clinical Materials</i> , 1990, 5, 73-88.	0.5	7
120	Regional distribution of mineral and matrix in the femurs of rats flown on Cosmos 1887 biosatellite. <i>FASEB Journal</i> , 1990, 4, 34-40.	0.5	41
121	The quantitative study of the orientation of collagen in compact bone slices. <i>Bone</i> , 1990, 11, 35-39.	2.9	105
122	Fluorescence in the tandem scanning microscope. <i>Journal of Microscopy</i> , 1990, 157, 39-49.	1.8	35
123	Measurement of osteoclastic resorption pits with a tandem scanning microscope. <i>Journal of Microscopy</i> , 1990, 158, 261-265.	1.8	32
124	Light budgets, light and heavy losses: One- or two-sided tandem scanning (real-time, direct-view,) Tj ETQq0 0 0 rgBT (Overlock 10 Tf 50	1.8	7
125	A new technique for imaging hard tissue by photothermal radiometric microscopy. <i>Scanning</i> , 1989, 11, 135-138.	1.5	0
126	Combining confocal and conventional modes in tandem scanning reflected light microscopy. <i>Scanning</i> , 1989, 11, 147-152.	1.5	12

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127	The effect of fluoride on the patterns of adherence of osteoclasts cultured on and resorbing dentine: a 3-D assessment of vinculin-labelled cells using confocal optical microscopy. <i>Anatomy and Embryology</i> , 1989, 180, 427-435.	1.5	41
128	Basis of the structure and development of mammalian enamel as seen by scanning electron microscopy. <i>Scanning Microscopy</i> , 1988, 2, 1479-90.	0.3	20
129	Tandem scanning reflected light microscopy of primate enamel. <i>Scanning Microscopy</i> , 1987, 1, 1935-48.	0.3	14
130	Applications of Tandem Scanning Reflected Light Microscopy and Three-Dimensional Imaging. <i>Annals of the New York Academy of Sciences</i> , 1986, 483, 428-439.	3.8	39
131	Development, structure and function of rhinoceros enamel. <i>Zoological Journal of the Linnean Society</i> , 1986, 87, 181-214.	2.3	95
132	A three axis stereocomparator for scanning electron microscopic photogrammetry - RS3. <i>Scanning</i> , 1986, 8, 182-186.	1.5	7
133	Stereological stereometry: Simplified approaches to volumetry by SEM. <i>Scanning</i> , 1986, 8, 240-249.	1.5	3
134	Scanning electron microscopy in bone pathology: review of methods, potential and applications. <i>Scanning Electron Microscopy</i> , 1986, , 1537-54.	0.0	38
135	A review of bone cell and substratum interactions: An illustration of the role of scanning electron microscopy. <i>Scanning</i> , 1985, 7, 5-24.	1.5	71
136	The tandem scanning reflected light microscope. <i>Scanning</i> , 1985, 7, 97-108.	1.5	101
137	Bone modelling in the implantation bed. <i>Journal of Biomedical Materials Research Part B</i> , 1985, 19, 199-224.	3.1	13
138	Incident light microscopy of surfaces of plastic embedded hard tissues. <i>Journal of Microscopy</i> , 1984, 134, 49-53.	1.8	8
139	Improvement to critical point drying technique for SEM. <i>Scanning</i> , 1984, 6, 30-35.	1.5	14
140	Microscopic criteria for the determination of directionality of cutmarks on bone. <i>American Journal of Physical Anthropology</i> , 1984, 65, 359-366.	2.1	161
141	The resorption of biological and non-biological substrates by cultured avian and mammalian osteoclasts. <i>Anatomy and Embryology</i> , 1984, 170, 247-256.	1.5	117
142	Monocyte-enriched cells on calcified tissues. <i>Anatomy and Embryology</i> , 1984, 170, 169-175.	1.5	16
143	Motility and resorption: Osteoclastic activity in vitro. <i>Anatomy and Embryology</i> , 1984, 170, 51-56.	1.5	51
144	Dependence of rate of physical erosion on orientation and density in mineralised tissues. <i>Anatomy and Embryology</i> , 1984, 170, 57-62.	1.5	45

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145	Resorption of dentine by isolated osteoclasts in vitro. British Dental Journal, 1984, 156, 216-220.	0.6	268
146	Back-scattered electron imaging of skeletal tissues. Metabolic Bone Disease & Related Research, 1983, 5, 145-150.	0.5	86
147	Tetracycline cathodoluminescence in bone, dentine and enamel. Histochemistry, 1983, 77, 525-533.	1.9	13
148	Scanning Electron Microscopy of Cartilage. , 1983, , 105-148.		13
149	Simple collectors for cathodoluminescence in the SEM made from aluminium foil. Journal of Microscopy, 1983, 132, 239-242.	1.8	5
150	Freeze-drying shrinkage of glutaraldehyde fixed liver. Journal of Microscopy, 1981, 122, 75-86.	1.8	49
151	Measurements of critical point shrinkage of glutaraldehyde fixed mouse liver. Scanning, 1981, 4, 69-82.	1.5	19
152	Energy dispersive X-ray elemental analysis of isolated epiphyseal growth plate chondrocyte fragments. Histochemistry, 1980, 69, 85-94.	1.9	58
153	The use of an X-ray digitiser in SEM photogrammetry. Scanning, 1980, 3, 218-219.	1.5	5
154	Volume changes during preparation of mouse embryonic tissue for scanning electron microscopy. Scanning, 1979, 2, 149-163.	1.5	80
155	Freon 113 freeze-drying for scanning electron microscopy. Scanning, 1979, 2, 164-166.	1.5	12
156	Cutting teeth in the SEM. Scanning, 1978, 1, 157-165.	1.5	12
157	Transmission Electron Microscopy of Ion Erosion Thinned Hard Tissues. , 1976, , 117-123.		1
158	Transmission electron microscopy of ion erosion thinned hard tissues. Calcified Tissue Research, 1976, 21 Suppl, 117-23.	1.3	2
159	Transmission electron microscopy of ion beam thinned dentine. Cell and Tissue Research, 1974, 152, 543-50.	2.9	42
160	Coronal cementogenesis in the horse. Archives of Oral Biology, 1974, 19, 605-IN5.	1.8	65
161	Scanning electron microscopic observations on bone from patients with hypophosphataemic (vitamin) Tj ETQq1 1 0.784314 rgBT /Over	1.3	28
162	Quantitative photogrammetric analysis and qualitative stereoscopic analysis of SEM images. Journal of Microscopy, 1973, 98, 452-471.	1.8	123

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163	Scanning Electron Microscope Studies of Bone. , 1972, , 259-310.		131
164	SCANNING ELECTRON MICROSCOPY OF THE BASAL SURFACE OF THE SEPARATED SUCTION BLISTER TOP. British Journal of Dermatology, 1971, 84, 346-352.	1.5	9
165	The relationship between the edge of the chick blastoderm and the vitelline membrane. Development Genes and Evolution, 1969, 163, 113-121.	0.9	39