

Markus Nilsson

List of Publications by Year in descending order

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Version: 2024-02-01

139
papers

6,709
citations

57758

44
h-index

74163

75
g-index

147
all docs

147
docs citations

147
times ranked

6242
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Induction of basal cell carcinomas and trichoepitheliomas in mice overexpressing GLI-1. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 3438-3443. | 7.1 | 352 |
| 2 | A randomized clinical trial of neoadjuvant chemotherapy versus neoadjuvant chemoradiotherapy for cancer of the oesophagus or gastro-oesophageal junction. Annals of Oncology, 2016, 27, 660-667. | 1.2 | 300 |
| 3 | Imaging brain microstructure with diffusion MRI: practicality and applications. NMR in Biomedicine, 2019, 32, e3841. | 2.8 | 266 |
| 4 | Lifestyle related risk factors in the aetiology of gastro-oesophageal reflux. Gut, 2004, 53, 1730-1735. | 12.1 | 258 |
| 5 | Q-space trajectory imaging for multidimensional diffusion MRI of the human brain. NeuroImage, 2016, 135, 345-362. | 4.2 | 256 |
| 6 | Quantification of microscopic diffusion anisotropy disentangles effects of orientation dispersion from microstructure: Applications in healthy volunteers and in brain tumors. NeuroImage, 2015, 104, 241-252. | 4.2 | 216 |
| 7 | Neurite density imaging versus imaging of microscopic anisotropy in diffusion MRI: A model comparison using spherical tensor encoding. NeuroImage, 2017, 147, 517-531. | 4.2 | 177 |
| 8 | Microanisotropy imaging: quantification of microscopic diffusion anisotropy and orientational order parameter by diffusion MRI with magic-angle spinning of the q-vector. Frontiers in Physics, 2014, 2, . | 2.1 | 163 |
| 9 | Conventions and nomenclature for double diffusion encoding NMR and MRI. Magnetic Resonance in Medicine, 2016, 75, 82-87. | 3.0 | 154 |
| 10 | The importance of axonal undulation in diffusion MR measurements: a Monte Carlo simulation study. NMR in Biomedicine, 2012, 25, 795-805. | 2.8 | 142 |
| 11 | Noninvasive mapping of water diffusional exchange in the human brain using filterâ€œexchange imaging. Magnetic Resonance in Medicine, 2013, 69, 1572-1580. | 3.0 | 142 |
| 12 | The link between diffusion MRI and tumor heterogeneity: Mapping cell eccentricity and density by diffusional variance decomposition (DIVIDE). NeuroImage, 2016, 142, 522-532. | 4.2 | 141 |
| 13 | Body Mass and Reflux Oesophagitis: an Oestrogen-dependent Association?. Scandinavian Journal of Gastroenterology, 2002, 37, 626-630. | 1.5 | 134 |
| 14 | The role of tissue microstructure and water exchange in biophysical modelling of diffusion in white matter. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2013, 26, 345-370. | 2.0 | 123 |
| 15 | Resolution limit of cylinder diameter estimation by diffusion MRI: The impact of gradient waveform and orientation dispersion. NMR in Biomedicine, 2017, 30, e3711. | 2.8 | 116 |
| 16 | Constrained optimization of gradient waveforms for generalized diffusion encoding. Journal of Magnetic Resonance, 2015, 261, 157-168. | 2.1 | 106 |
| 17 | Searching for the neurite density with diffusion MRI: Challenges for biophysical modeling. Human Brain Mapping, 2019, 40, 2529-2545. | 3.6 | 103 |
| 18 | Apparent exchange rate mapping with diffusion MRI. Magnetic Resonance in Medicine, 2011, 66, 356-365. | 3.0 | 102 |

| # | ARTICLE | IF | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Neoadjuvant chemotherapy versus neoadjuvant chemoradiotherapy for cancer of the esophagus or gastroesophageal junction: long-term results of a randomized clinical trial. <i>Ecological Management and Restoration</i> , 2019, 32, . | 0.4 | 101 |
| 20 | Prevalence of gastro-oesophageal reflux symptoms and the influence of age and sex. <i>Scandinavian Journal of Gastroenterology</i> , 2004, 39, 1040-1045. | 1.5 | 100 |
| 21 | Biodegradation and biocompatibility of a calcium sulphate-hydroxyapatite bone substitute. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2004, 86-B, 120-125. | 3.4 | 95 |
| 22 | Filter-exchange PGSE NMR determination of cell membrane permeability. <i>Journal of Magnetic Resonance</i> , 2009, 200, 291-295. | 2.1 | 93 |
| 23 | On the effects of a varied diffusion time in vivo: is the diffusion in white matter restricted?. <i>Magnetic Resonance Imaging</i> , 2009, 27, 176-187. | 1.8 | 88 |
| 24 | Morbidity and mortality after surgery for cancer of the oesophagus and gastro-oesophageal junction: A randomized clinical trial of neoadjuvant chemotherapy vs. neoadjuvant chemoradiation. <i>European Journal of Surgical Oncology</i> , 2015, 41, 920-926. | 1.0 | 86 |
| 25 | Maxwell-compensated design of asymmetric gradient waveforms for tensor-valued diffusion encoding. <i>Magnetic Resonance in Medicine</i> , 2019, 82, 1424-1437. | 3.0 | 81 |
| 26 | Extrapolation-Based References Improve Motion and Eddy-Current Correction of High B-Value DWI Data: Application in Parkinson's Disease Dementia. <i>PLoS ONE</i> , 2015, 10, e0141825. | 2.5 | 75 |
| 27 | Quantification of microcirculatory parameters by joint analysis of flow-compensated and non-flow-compensated intravoxel incoherent motion (IVIM) data. <i>NMR in Biomedicine</i> , 2016, 29, 640-649. | 2.8 | 72 |
| 28 | Regional values of diffusional kurtosis estimates in the healthy brain. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 37, 610-618. | 3.4 | 71 |
| 29 | NMR diffusion-encoding with axial symmetry and variable anisotropy: Distinguishing between prolate and oblate microscopic diffusion tensors with unknown orientation distribution. <i>Journal of Chemical Physics</i> , 2015, 142, 104201. | 3.0 | 70 |
| 30 | Pharmacokinetics of gentamicin eluted from a regenerating bone graft substitute. <i>Bone and Joint Research</i> , 2016, 5, 427-435. | 3.6 | 67 |
| 31 | Optimal experimental design for filter exchange imaging: Apparent exchange rate measurements in the healthy brain and in intracranial tumors. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 1104-1114. | 3.0 | 67 |
| 32 | Tensor-valued diffusion encoding for diffusional variance decomposition (DIVIDE): Technical feasibility in clinical MRI systems. <i>PLoS ONE</i> , 2019, 14, e0214238. | 2.5 | 67 |
| 33 | Towards unconstrained compartment modeling in white matter using diffusion-relaxation MRI with tensor-valued diffusion encoding. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 1605-1623. | 3.0 | 67 |
| 34 | The dot-compartment revealed? Diffusion MRI with ultra-strong gradients and spherical tensor encoding in the living human brain. <i>NeuroImage</i> , 2020, 210, 116534. | 4.2 | 64 |
| 35 | Thermodynamic and Kinetic Characterization of Host-Guest Association between Bolaform Surfactants and β - and γ -Cyclodextrins. <i>Journal of Physical Chemistry B</i> , 2008, 112, 11310-11316. | 2.6 | 63 |
| 36 | Glioma Grade Discrimination with MR Diffusion Kurtosis Imaging: A Meta-Analysis of Diagnostic Accuracy. <i>Radiology</i> , 2018, 287, 119-127. | 7.3 | 63 |

| # | ARTICLE | IF | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Variability in diffusion kurtosis imaging: Impact on study design, statistical power and interpretation. <i>NeuroImage</i> , 2013, 76, 145-154. | 4.2 | 62 |
| 38 | Imaging brain tumour microstructure. <i>NeuroImage</i> , 2018, 182, 232-250. | 4.2 | 62 |
| 39 | Feeling old: being in a phase of transition in later life. <i>Nursing Inquiry</i> , 2000, 7, 41-49. | 2.1 | 59 |
| 40 | Early detection of macular changes in patients with diabetes using Rarebit Fovea Test and optical coherence tomography. <i>British Journal of Ophthalmology</i> , 2007, 91, 1596-1598. | 3.9 | 59 |
| 41 | Multidimensional diffusion MRI with spectrally modulated gradients reveals unprecedented microstructural detail. <i>Scientific Reports</i> , 2019, 9, 9026. | 3.3 | 58 |
| 42 | Tensor-valued diffusion MRI in under 3 minutes: an initial survey of microscopic anisotropy and tissue heterogeneity in intracranial tumors. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 608-620. | 3.0 | 55 |
| 43 | Disentangling white-matter damage from physiological fibre orientation dispersion in multiple sclerosis. <i>Brain Communications</i> , 2020, 2, fcaa077. | 3.3 | 55 |
| 44 | Measurement Tensors in Diffusion MRI: Generalizing the Concept of Diffusion Encoding. <i>Lecture Notes in Computer Science</i> , 2014, 17, 209-216. | 1.3 | 55 |
| 45 | Interactions between Gemini Surfactants, 12-s-12, and β -cyclodextrin As Investigated by NMR Diffusometry and Electric Conductometry. <i>Langmuir</i> , 2006, 22, 8663-8669. | 3.5 | 53 |
| 46 | Evaluating the accuracy and precision of a two-compartment Kärger model using Monte Carlo simulations. <i>Journal of Magnetic Resonance</i> , 2010, 206, 59-67. | 2.1 | 51 |
| 47 | Diagnostic value of alternative techniques to gadolinium-based contrast agents in MR neuroimaging—a comprehensive overview. <i>Insights Into Imaging</i> , 2019, 10, 84. | 3.4 | 44 |
| 48 | Gradient waveform design for tensor-valued encoding in diffusion MRI. <i>Journal of Neuroscience Methods</i> , 2021, 348, 109007. | 2.5 | 44 |
| 49 | Diffusion Tensor Tractography versus Volumetric Imaging in the Diagnosis of Behavioral Variant Frontotemporal Dementia. <i>PLoS ONE</i> , 2013, 8, e66932. | 2.5 | 44 |
| 50 | In vivo visualization of displacement-distribution-derived parameters in q-space imaging. <i>Magnetic Resonance Imaging</i> , 2008, 26, 77-87. | 1.8 | 43 |
| 51 | Systematic review and meta-analysis on the significance of salvage esophagectomy for persistent or recurrent esophageal squamous cell carcinoma after definitive chemoradiotherapy. <i>Ecological Management and Restoration</i> , 2016, 29, 734-739. | 0.4 | 42 |
| 52 | Accuracy of q -Space Related Parameters in MRI: Simulations and Phantom Measurements. <i>IEEE Transactions on Medical Imaging</i> , 2007, 26, 1437-1447. | 8.9 | 39 |
| 53 | Diffusion-weighted MRI measurements on stroke patients reveal water-exchange mechanisms in subacute ischaemic lesions. <i>NMR in Biomedicine</i> , 2009, 22, 619-628. | 2.8 | 38 |
| 54 | Disease-specific structural changes in thalamus and dentatorubrothalamic tract in progressive supranuclear palsy. <i>Neuroradiology</i> , 2015, 57, 1079-1091. | 2.2 | 37 |

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|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | Diffusion kurtosis imaging of gliomas grades II and III - a study of perilesional tumor infiltration, tumor grades and subtypes at clinical presentation. <i>Radiology and Oncology</i> , 2017, 51, 121-129. | 1.7 | 37 |
| 56 | Apparent exchange rate for breast cancer characterization. <i>NMR in Biomedicine</i> , 2016, 29, 631-639. | 2.8 | 36 |
| 57 | Alterations of Diffusion Kurtosis and Neurite Density Measures in Deep Grey Matter and White Matter in Parkinson's Disease. <i>PLoS ONE</i> , 2016, 11, e0157755. | 2.5 | 35 |
| 58 | Effects of restricted diffusion in a biological phantom: a q-space diffusion MRI study of asparagus stems at a 3T clinical scanner. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2007, 20, 213-222. | 2.0 | 34 |
| 59 | Can resting-state functional MRI serve as a complement to task-based mapping of sensorimotor function? A test-retest reliability study in healthy volunteers. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 34, 511-517. | 3.4 | 34 |
| 60 | Blood and cerebrospinal fluid neurofilament light differentially detect neurodegeneration in early Alzheimer's disease. <i>Neurobiology of Aging</i> , 2020, 95, 143-153. | 3.1 | 34 |
| 61 | Survival benefit and additional value of preoperative chemoradiotherapy in resectable gastric and gastro-oesophageal junction cancer: A direct and adjusted indirect comparison meta-analysis. <i>European Journal of Surgical Oncology</i> , 2015, 41, 282-294. | 1.0 | 33 |
| 62 | Diffusion MRI microstructure models with in vivo human brain Connectome data: results from a multi-group comparison. <i>NMR in Biomedicine</i> , 2017, 30, e3734. | 2.8 | 33 |
| 63 | The effect of white matter hyperintensities on statistical analysis of diffusion tensor imaging in cognitively healthy elderly and prodromal Alzheimer's disease. <i>PLoS ONE</i> , 2017, 12, e0185239. | 2.5 | 32 |
| 64 | Time-dependent diffusion in undulating thin fibers: Impact on axon diameter estimation. <i>NMR in Biomedicine</i> , 2020, 33, e4187. | 2.8 | 31 |
| 65 | Biodegradation and biocompatibility of a calcium sulphate-hydroxyapatite bone substitute. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2004, 86, 120-5. | 3.4 | 31 |
| 66 | Assessment of Global and Regional Diffusion Changes along White Matter Tracts in Parkinsonian Disorders by MR Tractography. <i>PLoS ONE</i> , 2013, 8, e66022. | 2.5 | 29 |
| 67 | Altered white matter microstructure in lupus patients: a diffusion tensor imaging study. <i>Arthritis Research and Therapy</i> , 2018, 20, 21. | 3.5 | 28 |
| 68 | Tensor-valued diffusion MRI differentiates cortex and white matter in malformations of cortical development associated with epilepsy. <i>Epilepsia</i> , 2020, 61, 1701-1713. | 5.1 | 28 |
| 69 | Outcome of neoadjuvant therapies for cancer of the oesophagus or gastro-oesophageal junction based on a national data registry. <i>British Journal of Surgery</i> , 2016, 103, 1864-1873. | 0.3 | 26 |
| 70 | Cumulant expansions for measuring water exchange using diffusion MRI. <i>Journal of Chemical Physics</i> , 2018, 148, 074109. | 3.0 | 26 |
| 71 | Intravoxel incoherent motion (IVIM) imaging at different magnetic field strengths: What is feasible?. <i>Magnetic Resonance Imaging</i> , 2014, 32, 1247-1258. | 1.8 | 23 |
| 72 | Alteration of putaminal fractional anisotropy in Parkinson's disease: a longitudinal diffusion kurtosis imaging study. <i>Neuroradiology</i> , 2018, 60, 247-254. | 2.2 | 23 |

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|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 73 | Diffusion tensor imaging and tractography of the white matter in normal aging: The rate-of-change differs between segments within tracts. <i>Magnetic Resonance Imaging</i> , 2018, 45, 113-119. | 1.8 | 22 |
| 74 | Subjectively Reported Effects Experienced in an Actively Shielded 7T MRI: A Large-Scale Study. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 52, 1265-1276. | 3.4 | 21 |
| 75 | Regional structural hypo- and hyperconnectivity of frontal-striatal and frontal-thalamic pathways in behavioral variant frontotemporal dementia. <i>Human Brain Mapping</i> , 2018, 39, 4083-4093. | 3.6 | 21 |
| 76 | Diffusion Tensor MRI to Distinguish Progressive Supranuclear Palsy from α -Synucleinopathies. <i>Radiology</i> , 2019, 293, 646-653. | 7.3 | 20 |
| 77 | Motion-compensated b-tensor encoding for in vivo cardiac diffusion-weighted imaging. <i>NMR in Biomedicine</i> , 2020, 33, e4213. | 2.8 | 20 |
| 78 | Neural networks for parameter estimation in microstructural MRI: Application to a diffusion-relaxation model of white matter. <i>NeuroImage</i> , 2021, 244, 118601. | 4.2 | 20 |
| 79 | Dimensionality reduction of fMRI time series data using locally linear embedding. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2010, 23, 327-338. | 2.0 | 19 |
| 80 | Multicomponent Interdiffusion and Self-Diffusion of the Cationic Poly{[9,9-bis(6-trimethylammonium)hexyl]fluorene-phenylene} Dibromide in a Dimethyl Sulfoxide + Water Solution. <i>Journal of Chemical & Engineering Data</i> , 2010, 55, 1860-1866. | 1.9 | 18 |
| 81 | Spatial analysis of diffusion tensor tractography statistics along the inferior fronto-occipital fasciculus with application in progressive supranuclear palsy. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2013, 26, 527-537. | 2.0 | 18 |
| 82 | Liquid crystal phantom for validation of microscopic diffusion anisotropy measurements on clinical MRI systems. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 1817-1828. | 3.0 | 18 |
| 83 | The Kärger vs bi-exponential model: Theoretical insights and experimental validations. <i>Journal of Magnetic Resonance</i> , 2018, 296, 72-78. | 2.1 | 18 |
| 84 | Mapping of apparent susceptibility yields promising diagnostic separation of progressive supranuclear palsy from other causes of parkinsonism. <i>Scientific Reports</i> , 2019, 9, 6079. | 3.3 | 18 |
| 85 | Monte Carlo Simulations of Water Exchange Through Myelin Wraps: Implications for Diffusion MRI. <i>IEEE Transactions on Medical Imaging</i> , 2019, 38, 1438-1445. | 8.9 | 17 |
| 86 | Improved fibre dispersion estimation using b-tensor encoding. <i>NeuroImage</i> , 2020, 215, 116832. | 4.2 | 17 |
| 87 | Association between time interval from neoadjuvant chemoradiotherapy to surgery and complete histological tumor response in esophageal and gastroesophageal junction cancer: a national cohort study. <i>Ecological Management and Restoration</i> , 2020, 33, . | 0.4 | 16 |
| 88 | Adjuvant radiotherapy for gastric cancer—end of the road?. <i>Annals of Oncology</i> , 2021, 32, 287-289. | 1.2 | 16 |
| 89 | SPHERIOUSLY? The challenges of estimating sphere radius non-invasively in the human brain from diffusion MRI. <i>NeuroImage</i> , 2021, 237, 118183. | 4.2 | 16 |
| 90 | Reproducibility of psychophysics and electroencephalography during offset analgesia. <i>European Journal of Pain</i> , 2014, 18, 824-834. | 2.8 | 15 |

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|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 91 | Grey and White Matter Clinico-Anatomical Correlates of Disinhibition in Neurodegenerative Disease. PLoS ONE, 2016, 11, e0164122. | 2.5 | 15 |
| 92 | Effects of APOE ϵ 4 on neuroimaging, cerebrospinal fluid biomarkers, and cognition in prodromal Alzheimer's disease. Neurobiology of Aging, 2018, 71, 81-90. | 3.1 | 15 |
| 93 | Vancomycin elution from a biphasic ceramic bone substitute. Bone and Joint Research, 2019, 8, 49-54. | 3.6 | 15 |
| 94 | Perception of very small visual stimuli in the fovea: normative data for the Rarebit Foveal Test. Australasian journal of optometry, The, 2006, 89, 81-85. | 1.3 | 14 |
| 95 | Time dependence in diffusion MRI predicts tissue outcome in ischemic stroke patients. Magnetic Resonance in Medicine, 2021, 86, 754-764. | 3.0 | 14 |
| 96 | Single center consecutive series cohort study of minimally invasive versus open resection for cancer in the esophagus or gastroesophageal junction. Ecological Management and Restoration, 2018, 31, . | 0.4 | 13 |
| 97 | Microstructural white matter alterations associated to neurocognitive deficits in childhood leukemia survivors treated with cranial radiotherapy – a diffusional kurtosis study. Acta Oncologica, 2019, 58, 1021-1028. | 1.8 | 13 |
| 98 | Brain Tumor Characterization Using Multibiometric Evaluation of MRI. Tomography, 2018, 4, 14-25. | 1.8 | 12 |
| 99 | Mapping prostatic microscopic anisotropy using linear and spherical ϵ tensor encoding: A preliminary study. Magnetic Resonance in Medicine, 2021, 86, 2025-2033. | 3.0 | 12 |
| 100 | Short-term effects experienced during examinations in an actively shielded 7T MR. Bioelectromagnetics, 2019, 40, 234-249. | 1.6 | 11 |
| 101 | Texture analysis of computed tomography data using morphologic and metabolic delineation of esophageal cancer's relation to tumor type and neoadjuvant therapy response. Ecological Management and Restoration, 2019, 32, . | 0.4 | 11 |
| 102 | Accuracy and precision in super-resolution MRI: Enabling spherical tensor diffusion encoding at ultra-high b-values and high resolution. NeuroImage, 2021, 245, 118673. | 4.2 | 11 |
| 103 | Histogram analysis of tensor-valued diffusion MRI in meningiomas: Relation to consistency, histological grade and type. NeuroImage: Clinical, 2022, 33, 102912. | 2.7 | 11 |
| 104 | On the generalizability of diffusion MRI signal representations across acquisition parameters, sequences and tissue types: Chronicles of the MEMENTO challenge. NeuroImage, 2021, 240, 118367. | 4.2 | 10 |
| 105 | Magic DIAMOND: Multi-fascicle diffusion compartment imaging with tensor distribution modeling and tensor-valued diffusion encoding. Medical Image Analysis, 2021, 70, 101988. | 11.6 | 9 |
| 106 | Comparison of Macular Thickness in Patients with Keratoconus and Control Subjects Using the Cirrus HD-OCT. BioMed Research International, 2015, 2015, 1-5. | 1.9 | 8 |
| 107 | Vertical imbalance induced by prism-ballasted soft toric contact lenses fitted unilaterally. Ophthalmic and Physiological Optics, 2008, 28, 157-162. | 2.0 | 7 |
| 108 | Cortical and white matter correlates of language-learning aptitudes. Human Brain Mapping, 2021, 42, 5037-5050. | 3.6 | 7 |

| # | ARTICLE | IF | CITATIONS |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 109 | Preoperative Quantitative MR Tractography Compared with Visual Tract Evaluation in Patients with Neuropathologically Confirmed Gliomas Grades II and III: A Prospective Cohort Study. <i>Radiology Research and Practice</i> , 2016, 2016, 1-15. | 1.3 | 6 |
| 110 | Probing tissue microstructure by diffusion skewness tensor imaging. <i>Scientific Reports</i> , 2021, 11, 135. | 3.3 | 6 |
| 111 | Post-Concussive Vestibular Dysfunction Is Related to Injury to the Inferior Vestibular Nerve. <i>Journal of Neurotrauma</i> , 2022, 39, 829-840. | 3.4 | 6 |
| 112 | Clinical importance of spherical and chromatic aberration on the accommodative response in contact lens wear. <i>Journal of Modern Optics</i> , 2011, 58, 1696-1702. | 1.3 | 5 |
| 113 | Cortical thickness of Broca's area and right homologue is related to grammar learning aptitude and pitch discrimination proficiency. <i>Brain and Language</i> , 2019, 188, 42-47. | 1.6 | 5 |
| 114 | Mortality after surgery for primary hyperparathyroidism: results from a nationwide cohort. <i>British Journal of Surgery</i> , 2021, 108, 858-863. | 0.3 | 5 |
| 115 | Sensitivity of Diffusion MRI to White Matter Pathology: Influence of Diffusion Protocol, Magnetic Field Strength, and Processing Pipeline in Systemic Lupus Erythematosus. <i>Frontiers in Neurology</i> , 2022, 13, 837385. | 2.4 | 5 |
| 116 | Evaluation of small-volume tubes for venous and capillary PT (INR) samples. <i>International Journal of Laboratory Hematology</i> , 2015, 37, 699-704. | 1.3 | 4 |
| 117 | Normal radiological lymph node appearance in the thorax. <i>Ecological Management and Restoration</i> , 2019, 32, 1-6. | 0.4 | 4 |
| 118 | Assessment of spatial BOLD sensitivity variations in fMRI using gradient-echo field maps. <i>Magnetic Resonance Imaging</i> , 2010, 28, 947-956. | 1.8 | 3 |
| 119 | Evaluation of the anterior chamber angle in keratoconus and normal subjects. <i>Contact Lens and Anterior Eye</i> , 2015, 38, 277-282. | 1.7 | 3 |
| 120 | Stay on the Beat With Tensor-Valued Encoding: Time-Dependent Diffusion and Cell Size Estimation in ex vivo Heart. <i>Frontiers in Physics</i> , 2022, 10, . | 2.1 | 3 |
| 121 | Optimal experimental design for filter exchange imaging: Apparent exchange rate measurements in the healthy brain and in intracranial tumors. <i>Magnetic Resonance in Medicine</i> , 2017, 77, C1-C1. | 3.0 | 2 |
| 122 | Diffusion tensor imaging in glioblastoma patients treated with volumetric modulated arc radiotherapy: a longitudinal study. <i>Acta Oncologica</i> , 2022, 61, 680-687. | 1.8 | 2 |
| 123 | Molecular Exchange between Intra- and Extracellular Compartments in a Cell Suspension. , 2008, , . | | 1 |
| 124 | Scintillate: An open-source graphical viewer for time-series calcium imaging evaluation and pre-processing. <i>Journal of Neuroscience Methods</i> , 2016, 273, 120-127. | 2.5 | 1 |
| 125 | Assessing Tissue Heterogeneity by non-Gaussian Measures in a Permeable Environment. , 2018, , . | | 1 |
| 126 | Foveal function in children treated for amblyopia. <i>Acta Ophthalmologica</i> , 0, 85, 0-0. | 0.3 | 1 |

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|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 127 | Solid phase ELISA for serum ferritin. Scandinavian Journal of Clinical and Laboratory Investigation, 1980, 40, 641-645. | 1.2 | 1 |
| 128 | O148 SHORT-TERM RESULTS OF A RANDOMIZED CONTROLLED TRIAL OF STANDARD VS. PROLONGED TIME TO SURGERY AFTER NEOADJUVANT CHEMORADIATION FOR CANCER. Ecological Management and Restoration, 2019, 32, . | 0.4 | 0 |
| 129 | Experiences of specialist social workers for asylum seeking patients at a large Swedish hospital. European Journal of Public Health, 2019, 29, . | 0.3 | 0 |
| 130 | Characteristics of specialist consultations regarding immigrant patients at a large Swedish hospital. European Journal of Public Health, 2019, 29, . | 0.3 | 0 |
| 131 | Reply to letter: Neoadjuvant chemoradiotherapy or chemotherapy for esophageal cancer: what is the current evidence?. Ecological Management and Restoration, 2019, 32, . | 0.4 | 0 |
| 132 | Macular abnormalities and the Rarebit Fovea Test. Acta Ophthalmologica, 0, 85, 0-0. | 0.3 | 0 |
| 133 | Improved analysis of the outer foveal microstructure - OCT imaging of healthy and abnormal retina. Acta Ophthalmologica, 2014, 92, 0-0. | 1.1 | 0 |
| 134 | Objective assessment of cataract: Comparison between the Lens Opacities Classification System III and a Scheimpflug camera. Acta Ophthalmologica, 2015, 93, n/a-n/a. | 1.1 | 0 |
| 135 | Use of directional optical coherence tomography and selected landmarks to determine foveal topography and microstructure. A strategy to characterize differences between normal and expremature cases. Acta Ophthalmologica, 2015, 93, n/a-n/a. | 1.1 | 0 |
| 136 | Reduced retinal nerve fibre layer thickness in multiple sclerosis patients with and without history of optic neuritis. Acta Ophthalmologica, 2015, 93, n/a-n/a. | 1.1 | 0 |
| 137 | Umfangreiche epidemiologische und Genotyp-PhÄnotyp (GxP) Analysen in dem weltweit grÄtÄtten Patientenkollektiv mit idiopathischer Achalasie. Zeitschrift Fur Gastroenterologie, 2017, 55, . | 0.5 | 0 |
| 138 | Separating Glioma Hyperintensities From White Matter by Diffusion-Weighted Imaging With Spherical Tensor Encoding. Frontiers in Neuroscience, 2022, 16, 842242. | 2.8 | 0 |
| 139 | 205: ADJUNCTIVE SURVEILLANCE MODALITIES AND ONCOLOGIC OUTCOME: A REPORT FROM THE ENSURE STUDY. Ecological Management and Restoration, 2022, 35, . | 0.4 | 0 |