

# Graham J Kemp

## List of Publications by Year in Descending Order

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

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|--------------------|--------------------------|----------------|-----------------|
| 360<br>papers      | 11,312<br>citations      | 58<br>h-index  | 88<br>g-index   |
| 374<br>ext. papers | 12,912<br>ext. citations | 5.2<br>avg, IF | 6.11<br>L-index |

| #   | Paper   | IF  | Citations |
|-----|---|-----|-----------|
| 360 | Brain Functional Network Abnormalities in Parkinson's Disease with Mild Cognitive Impairment.. <i>Cerebral Cortex</i> , <b>2022</b> ,   | 5.1 | 1         |
| 359 | COVID-19 vicarious traumatization links functional connectome to general distress.. <i>NeuroImage</i> , <b>2022</b> , 119185  | 7.9 | 2         |
| 358 | Magnetization transfer imaging alterations and its diagnostic value in antipsychotic-naïve first-episode schizophrenia.. <i>Translational Psychiatry</i> , <b>2022</b> , 12, 189  | 8.6 |           |
| 357 | Cortical thickness abnormalities in patients with post-traumatic stress disorder: A vertex-based meta-analysis.. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2021</b> , 134, 104519  | 9   | 0         |
| 356 | Psychoradiological abnormalities in treatment-naïve noncomorbid patients with posttraumatic stress disorder. <i>Depression and Anxiety</i> , <b>2021</b> , 39, 83   | 8.4 | 3         |
| 355 | Abnormalities of Cerebral White Matter Microstructure in Children With New-Onset, Untreated Idiopathic-Generalized Epilepsy.. <i>Frontiers in Neurology</i> , <b>2021</b> , 12, 744723  | 4.1 |           |
| 354 | Cortical thickness abnormalities in patients with bipolar disorder: a systematic review and meta-analysis.. <i>Journal of Affective Disorders</i> , <b>2021</b> , 300, 209-209  | 6.6 | 0         |
| 353 | Using deep learning to classify pediatric posttraumatic stress disorder at the individual level. <i>BMC Psychiatry</i> , <b>2021</b> , 21, 535  | 4.2 | 3         |
| 352 | 3D localized lactate detection in muscle tissue using double-quantum filtered H MRS with adiabatic refocusing pulses at 7T. <i>Magnetic Resonance in Medicine</i> , <b>2021</b> ,   | 4.4 | 1         |
| 351 | Disrupted brain gray matter networks in drug-naïve participants with essential tremor. <i>Neuroradiology</i> , <b>2021</b> , 63, 1501-1510  | 3.2 | 3         |
| 350 | Abnormalities of intrinsic brain activity in essential tremor: A meta-analysis of resting-state functional imaging. <i>Human Brain Mapping</i> , <b>2021</b> , 42, 3156-3167  | 5.9 | 7         |
| 349 | Disrupted morphological grey matter networks in early-stage Parkinson's disease. <i>Brain Structure and Function</i> , <b>2021</b> , 226, 1389-1403   | 4   | 3         |
| 348 | Short-Term Physical Inactivity Induces Endothelial Dysfunction. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 659834   | 4.6 | 0         |
| 347 | The effects of neoadjuvant chemoradiotherapy and an in-hospital exercise training programme on physical fitness and quality of life in locally advanced rectal cancer patients: a randomised controlled trial (The EMPOWER Trial). <i>Perioperative Medicine (London, England)</i> , <b>2021</b> , 10, 23 | 2.8 | 3         |
| 346 | Metabolic alterations of the dorsolateral prefrontal cortex in sleep-related hypermotor epilepsy: A proton magnetic resonance spectroscopy study. <i>Journal of Neuroscience Research</i> , <b>2021</b> , 99, 2657-2668   | 4.4 | 0         |
| 345 | A randomised, controlled, double blind study to assess mechanistic effects of combination therapy of dapagliflozin with xenatide QW versus dapagliflozin alone in obese patients with type 2 diabetes mellitus (RESILIENT): study protocol. <i>BMJ Open</i> , <b>2021</b> , 11, e045663                   | 3   | 2         |
| 344 | Altered spontaneous activity and effective connectivity of the anterior cingulate cortex in obsessive-compulsive disorder. <i>Journal of Comparative Neurology</i> , <b>2021</b> , 529, 296-310   | 3.4 | 1         |

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| 343 | Altered white matter microarchitecture in Parkinson's disease: a voxel-based meta-analysis of diffusion tensor imaging studies. <i>Frontiers of Medicine</i> , <b>2021</b> , 15, 125-138  | 12   | 9  |
| 342 | Hippocampal subfield alterations in pediatric patients with post-traumatic stress disorder. <i>Social Cognitive and Affective Neuroscience</i> , <b>2021</b> , 16, 334-344  | 4    | 0  |
| 341 | Disruption of gray matter morphological networks in patients with paroxysmal kinesigenic dyskinesia. <i>Human Brain Mapping</i> , <b>2021</b> , 42, 398-411   | 5.9  | 9  |
| 340 | Post-exercise intramuscular O <sub>2</sub> supply is tightly coupled with a higher proximal-to-distal ATP synthesis rate in human tibialis anterior. <i>Journal of Physiology</i> , <b>2021</b> , 599, 1533-1550                | 3.9  | 3  |
| 339 | Minimum Reporting Standards for in vivo Magnetic Resonance Spectroscopy (MRS): Experts' consensus recommendations. <i>NMR in Biomedicine</i> , <b>2021</b> , 34, e4484  | 4.4  | 24 |
| 338 | A multimodal meta-analysis of regional structural and functional brain alterations in type 2 diabetes. <i>Frontiers in Neuroendocrinology</i> , <b>2021</b> , 62, 100915  | 8.9  | 8  |
| 337 | Topologically convergent and divergent morphological gray matter networks in early-stage Parkinson's disease with and without mild cognitive impairment. <i>Human Brain Mapping</i> , <b>2021</b> , 42, 5101-5112               | 5.9  | 5  |
| 336 | Ectopic fat deposition in populations of black African ancestry: A systematic review and meta-analysis. <i>Acta Diabetologica</i> , <b>2021</b> , 1   | 3.9  | 0  |
| 335 | Disruption of the white matter structural network and its correlation with baseline progression rate in patients with sporadic amyotrophic lateral sclerosis. <i>Translational Neurodegeneration</i> , <b>2021</b> , 10, 35     | 10.3 | 2  |
| 334 | Cortical thickness abnormalities in patients with first episode psychosis: a meta-analysis of psychoradiologic studies and replication in an independent sample. <i>Psychoradiology</i> , <b>2021</b> , 1, 185-198              |      | 0  |
| 333 | The neuro-pathophysiology of temporomandibular disorders-related pain: a systematic review of structural and functional MRI studies. <i>Journal of Headache and Pain</i> , <b>2020</b> , 21, 78                                 | 8.8  | 19 |
| 332 | White Matter Abnormalities in Anorexia Nervosa: Psychoradiologic Evidence From Meta-Analysis of Diffusion Tensor Imaging Studies Using Tract Based Spatial Statistics. <i>Frontiers in Neuroscience</i> , <b>2020</b> , 14, 159 | 5.1  | 4  |
| 331 | How the metabolic machinery of maximally exercising muscle fails. <i>Journal of Physiology</i> , <b>2020</b> , 598, 1797-1798   | 3.1  | 1  |
| 330 | Functional morphology of the jaw adductor muscles in the Canidae. <i>Anatomical Record</i> , <b>2020</b> , 303, 2878-2903   | 2.9  | 5  |
| 329 | Brain structural connectome in relation to PRRT2 mutations in paroxysmal kinesigenic dyskinesia. <i>Human Brain Mapping</i> , <b>2020</b> , 41, 3855-3866   | 5.9  | 6  |
| 328 | Machine learning for detecting mesial temporal lobe epilepsy by structural and functional neuroimaging. <i>Frontiers of Medicine</i> , <b>2020</b> , 14, 630-641  | 12   | 10 |
| 327 | Metabolic syndrome is associated with reduced flow mediated dilation independent of obesity status. <i>European Journal of Endocrinology</i> , <b>2020</b> , 183, 211-220   | 6.5  | 3  |
| 326 | Shared gray matter alterations in individuals with diverse behavioral addictions: A voxel-wise meta-analysis. <i>Journal of Behavioral Addictions</i> , <b>2020</b> , 9, 44-57  | 6.3  | 15 |

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| 325 | Meta-analysis of cortical thickness abnormalities in medication-free patients with major depressive disorder. <i>Neuropsychopharmacology</i> , <b>2020</b> , 45, 703-712   | 8.7  | 46 |
| 324 | Randomised, cOntrolled Multicentre trial of 26 weeks subcutaneous liraglutide (a glucagon-like peptide-1 receptor Agonist), with or without contiNuous positive airway pressure (CPAP), in patients with type 2 diabetes mellitus (T2DM) and obstructive sleep apnoEa (OSA) (ROMANCE): study protocol assessing the effects of weight loss on the apnea-hypnoea index (AHI). <i>BMJ Open</i> , <b>2020</b> , 20, e027000 | 3    | 2  |
| 323 | Dissociations in cortical thickness and surface area in non-comorbid never-treated patients with social anxiety disorder. <i>EBioMedicine</i> , <b>2020</b> , 58, 102910   | 8.8  | 9  |
| 322 | TAILoR (TelmisArtan and InsuLin Resistance in Human Immunodeficiency Virus [HIV]): An Adaptive-design, Dose-ranging Phase IIb Randomized Trial of Telmisartan for the Reduction of Insulin Resistance in HIV-positive Individuals on Combination Antiretroviral Therapy. <i>Clinical Infectious Diseases</i> , <b>2020</b> , 70, 2062-2072   | 11.6 | 7  |
| 321 | HDL-apoA-I kinetics in response to 16 wk of exercise training in men with nonalcoholic fatty liver disease. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2020</b> , 318, E839-E847  | 6    | 6  |
| 320 | P magnetic resonance spectroscopy in skeletal muscle: ExpertsQonsensus recommendations. <i>NMR in Biomedicine</i> , <b>2020</b> , 34, e4246  | 4.4  | 25 |
| 319 | Accumulation of saturated intramyocellular lipid is associated with insulin resistance. <i>Journal of Lipid Research</i> , <b>2019</b> , 60, 1323-1332   | 6.3  | 14 |
| 318 | A functional Magnetic Resonance Imaging study of patients with Polar Type II/III complex shoulder instability. <i>Scientific Reports</i> , <b>2019</b> , 9, 6271   | 4.9  | 3  |
| 317 | Psychoradiologic abnormalities of white matter in patients with bipolar disorder: diffusion tensor imaging studies using tract-based spatial statistics. <i>Journal of Psychiatry and Neuroscience</i> , <b>2019</b> , 44, 32-44   | 4.5  | 16 |
| 316 | Patterns of muscle coordination during dynamic glenohumeral joint elevation: An EMG study. <i>PLoS ONE</i> , <b>2019</b> , 14, e0211800  | 3.7  | 11 |
| 315 | Telmisartan to reduce insulin resistance in HIV-positive individuals on combination antiretroviral therapy: the TAILoR dose-ranging Phase II RCT. <i>Efficacy and Mechanism Evaluation</i> , <b>2019</b> , 6, 1-168  | 1.7  |    |
| 314 | Effect of Iron Isomaltoside on Skeletal Muscle Energetics in Patients With Chronic Heart Failure and Iron Deficiency. <i>Circulation</i> , <b>2019</b> , 139, 2386-2398  | 16.7 | 58 |
| 313 | Reduced physical activity in young and older adults: metabolic and musculoskeletal implications. <i>Therapeutic Advances in Endocrinology and Metabolism</i> , <b>2019</b> , 10, 2042018819888824  | 4.5  | 62 |
| 312 | Physical Activity and Sedentary Time: Association with Metabolic Health and Liver Fat. <i>Medicine and Science in Sports and Exercise</i> , <b>2019</b> , 51, 1169-1177  | 1.2  | 20 |
| 311 | Increased right amygdala metabolite concentrations in the absence of atrophy in children and adolescents with PTSD. <i>European Child and Adolescent Psychiatry</i> , <b>2019</b> , 28, 807-817  | 5.5  | 2  |
| 310 | Muscle Energetics <b>2019</b> , 95-110   |      |    |
| 309 | Multidelay multiparametric arterial spin labeling perfusion MRI and mild cognitive impairment in early stage ParkinsonQ disease. <i>Human Brain Mapping</i> , <b>2019</b> , 40, 1317-1327  | 5.9  | 13 |
| 308 | Quantifying Skeletal Muscle Mitochondrial Function In Vivo by 31P Magnetic Resonance Spectroscopy <b>2018</b> , 443-456  |      | 1  |

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|-----|---|------|----|
| 307 | Short-term decreased physical activity with increased sedentary behaviour causes metabolic derangements and altered body composition: effects in individuals with and without a first-degree relative with type 2 diabetes. <i>Diabetologia</i> , <b>2018</b> , 61, 1282-1294 | 10.3 | 54 |
| 306 | Compositional marker in vivo reveals intramyocellular lipid turnover during fasting-induced lipolysis. <i>Scientific Reports</i> , <b>2018</b> , 8, 2750  | 4.9  | 4  |
| 305 | Validation of calcaneus trabecular microstructure measurements by HR-pQCT. <i>Bone</i> , <b>2018</b> , 106, 69-77   | 4.7  | 16 |
| 304 | Abnormal metabolite concentrations and amygdala volume in patients with recent-onset posttraumatic stress disorder. <i>Journal of Affective Disorders</i> , <b>2018</b> , 241, 539-545  | 6.6  | 7  |
| 303 | Changes in Energy Balance during Dapagliflozin Therapy in Type 2 Diabetes—the Energize Study. <i>Diabetes</i> , <b>2018</b> , 67, 1163-P  | 0.9  | 3  |
| 302 | Psychoradiological patterns of small-world properties and a systematic review of connectome studies of patients with 6 major psychiatric disorders. <i>Journal of Psychiatry and Neuroscience</i> , <b>2018</b> , 43, 427   | 4.5  | 28 |
| 301 | Exercise interventions for people undergoing multimodal cancer treatment that includes surgery. <i>The Cochrane Library</i> , <b>2018</b> , 12, CD012280  | 5.2  | 11 |
| 300 | Psychoradiological investigations of gray matter alterations in patients with anorexia nervosa. <i>Translational Psychiatry</i> , <b>2018</b> , 8, 277  | 8.6  | 5  |
| 299 | Brain gray and white matter abnormalities in preterm-born adolescents: A meta-analysis of voxel-based morphometry studies. <i>PLoS ONE</i> , <b>2018</b> , 13, e0203498   | 3.7  | 6  |
| 298 | Developing a toolkit for the assessment and monitoring of musculoskeletal ageing. <i>Age and Ageing</i> , <b>2018</b> , 47, iv1-iv19  | 3    | 20 |
| 297 | Towards a toolkit for the assessment and monitoring of musculoskeletal ageing. <i>Age and Ageing</i> , <b>2018</b> , 47, 774-777  | 3    | 1  |
| 296 | Compensatory changes in energy balance during dapagliflozin treatment in type 2 diabetes mellitus: a randomised double-blind, placebo-controlled, cross-over trial (ENERGIZE)-study protocol. <i>BMJ Open</i> , <b>2017</b> , 7, e013539                                      | 3    | 12 |
| 295 | Physical activity levels in locally advanced rectal cancer patients following neoadjuvant chemoradiotherapy and an exercise training programme before surgery: a pilot study. <i>Perioperative Medicine (London, England)</i> , <b>2017</b> , 6, 3                            | 2.8  | 19 |
| 294 | Characterization of brain blood flow and the amplitude of low-frequency fluctuations in major depressive disorder: A multimodal meta-analysis. <i>Journal of Affective Disorders</i> , <b>2017</b> , 210, 303-311   | 6.6  | 30 |
| 293 | Minimal clinically important difference of Liverpool Elbow Score in elbow arthroplasty. <i>JSES Open Access</i> , <b>2017</b> , 1, 144-148  | 3.2  | 5  |
| 292 | Functional Brain Connectome and Its Relation to Hoehn and Yahr Stage in Parkinson Disease. <i>Radiology</i> , <b>2017</b> , 285, 904-913  | 20.5 | 40 |
| 291 | Brain grey matter volume alterations associated with antidepressant response in major depressive disorder. <i>Scientific Reports</i> , <b>2017</b> , 7, 10464   | 4.9  | 16 |
| 290 | Conjoint and dissociated structural and functional abnormalities in first-episode drug-naïve patients with major depressive disorder: a multimodal meta-analysis. <i>Scientific Reports</i> , <b>2017</b> , 7, 10401  | 4.9  | 32 |

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| 289 | Dissociating external power from intramuscular exercise intensity during intermittent bilateral knee-extension in humans. <i>Journal of Physiology</i> , <b>2017</b> , 595, 6673-6686  | 3.9  | 18 |
| 288 | Assessing the use of magnetic resonance imaging virtopsy as an alternative to autopsy: a systematic review and meta-analysis. <i>Postgraduate Medical Journal</i> , <b>2017</b> , 93, 671-678  | 2    | 11 |
| 287 | Anatomic Insights into Disrupted Small-World Networks in Pediatric Posttraumatic Stress Disorder. <i>Radiology</i> , <b>2017</b> , 282, 826-834  | 20.5 | 30 |
| 286 | Metabolically healthy and unhealthy obesity: differential effects on myocardial function according to metabolic syndrome, rather than obesity. <i>International Journal of Obesity</i> , <b>2016</b> , 40, 153-61  | 5.5  | 52 |
| 285 | Exercise-induced improvements in liver fat and endothelial function are not sustained 12 months following cessation of exercise supervision in nonalcoholic fatty liver disease. <i>International Journal of Obesity</i> , <b>2016</b> , 40, 1927-1930                                     | 5.5  | 35 |
| 284 | Simple and effective exercise design for assessing in vivo mitochondrial function in clinical applications using (31)P magnetic resonance spectroscopy. <i>Scientific Reports</i> , <b>2016</b> , 6, 19057   | 4.9  | 10 |
| 283 | Exercise interventions for people undergoing multimodal cancer treatment that includes surgery. <i>The Cochrane Library</i> , <b>2016</b> ,  | 5.2  | 2  |
| 282 | SIMULTANEOUS EEG-FMRI AS A PRE-SURGICAL EVALUATION TOOL IN FOCAL EPILEPSY: A SYSTEMATIC REVIEW. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2016</b> , 87, e1.217-e1   | 5.5  |    |
| 281 | Exercise intervention in people with cancer undergoing neoadjuvant cancer treatment and surgery: A systematic review. <i>European Journal of Surgical Oncology</i> , <b>2016</b> , 42, 28-38   | 3.6  | 47 |
| 280 | White Matter Abnormalities in Post-traumatic Stress Disorder Following a Specific Traumatic Event. <i>EBioMedicine</i> , <b>2016</b> , 4, 176-83   | 8.8  | 39 |
| 279 | Beetroot juice supplementation reduces the oxygen cost of exercise without improving mitochondrial efficiency: but how?. <i>Journal of Physiology</i> , <b>2016</b> , 594, 253   | 3.9  | 3  |
| 278 | Dynapenic obesity and the risk of incident Type 2 diabetes: the English Longitudinal Study of Ageing. <i>Diabetic Medicine</i> , <b>2016</b> , 33, 1052-9  | 3.5  | 48 |
| 277 | Skeletal muscle ATP synthesis and cellular H(+) handling measured by localized (31)P-MRS during exercise and recovery. <i>Scientific Reports</i> , <b>2016</b> , 6, 32037  | 4.9  | 24 |
| 276 | Altered resting-state functional activity in posttraumatic stress disorder: A quantitative meta-analysis. <i>Scientific Reports</i> , <b>2016</b> , 6, 27131   | 4.9  | 67 |
| 275 | Timing of surgery following neoadjuvant chemoradiotherapy in locally advanced rectal cancer - A comparison of magnetic resonance imaging at two time points and histopathological responses. <i>European Journal of Surgical Oncology</i> , <b>2016</b> , 42, 1350-8                       | 3.6  | 15 |
| 274 | 31P magnetization transfer measurements of Pi-ATP flux in exercising human muscle. <i>Journal of Applied Physiology</i> , <b>2016</b> , 120, 649-56  | 3.7  | 10 |
| 273 | The effects of neoadjuvant chemoradiotherapy and an in-hospital exercise training programme on physical fitness and quality of life in locally advanced rectal cancer patients (The EMPOWER Trial): study protocol for a randomised controlled trial. <i>Trials</i> , <b>2016</b> , 17, 24 | 2.8  | 15 |
| 272 | Exercise Training Reduces Liver Fat and Increases Rates of VLDL Clearance But Not VLDL Production in NAFLD. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, 4219-4228   | 5.6  | 53 |



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| 271 | Dissociation between exercise-induced reduction in liver fat and changes in hepatic and peripheral glucose homoeostasis in obese patients with non-alcoholic fatty liver disease. <i>Clinical Science</i> , <b>2016</b> , 130, 93-104  | 6.5 | 66  |
| 270 | Scaling and Accommodation of Jaw Adductor Muscles in Canidae. <i>Anatomical Record</i> , <b>2016</b> , 299, 951-66   | 2.1 | 12  |
| 269 | Effect of prehabilitation on objectively measured physical fitness after neoadjuvant treatment in preoperative rectal cancer patients: a blinded interventional pilot study. <i>British Journal of Anaesthesia</i> , <b>2015</b> , 114, 244-51   | 5.4 | 214 |
| 268 | Exercise intervention in people with cancer undergoing adjuvant cancer treatment following surgery: A systematic review. <i>European Journal of Surgical Oncology</i> , <b>2015</b> , 41, 1590-602   | 3.6 | 67  |
| 267 | Cerebral activations during viewing of food stimuli in adult patients with acquired structural hypothalamic damage: a functional neuroimaging study. <i>International Journal of Obesity</i> , <b>2015</b> , 39, 1376-82   | 5.5 | 2   |
| 266 | Electromyographic Analysis of the Shoulder Girdle Musculature During External Rotation Exercises. <i>Orthopaedic Journal of Sports Medicine</i> , <b>2015</b> , 3, 2325967115613988  | 3.5 | 30  |
| 265 | Quantification of skeletal muscle mitochondrial function by 31P magnetic resonance spectroscopy techniques: a quantitative review. <i>Acta Physiologica</i> , <b>2015</b> , 213, 107-44  | 5.6 | 92  |
| 264 | Electromyographic assessment of muscle fatigue in massive rotator cuff tear. <i>Journal of Electromyography and Kinesiology</i> , <b>2015</b> , 25, 93-9   | 2.5 | 14  |
| 263 | Functional MRI reveals different response inhibition between adults and children with ADHD. <i>Neuropsychology</i> , <b>2015</b> , 29, 874-81  | 3.8 | 40  |
| 262 | Microstructural abnormalities in children with post-traumatic stress disorder: a diffusion tensor imaging study at 3.0T. <i>Scientific Reports</i> , <b>2015</b> , 5, 8933   | 4.9 | 21  |
| 261 | Muscle Studies by 31P MRS <b>2015</b> , 525-534  |     | 12  |
| 260 | Telmisartan and Insulin Resistance in HIV (TAILoR): protocol for a dose-ranging phase II randomised open-labelled trial of telmisartan as a strategy for the reduction of insulin resistance in HIV-positive individuals on combination antiretroviral therapy. <i>BMJ Open</i> , <b>2015</b> , 5, e009566 | 3   | 8   |
| 259 | Disrupted brain network topology in pediatric posttraumatic stress disorder: A resting-state fMRI study. <i>Human Brain Mapping</i> , <b>2015</b> , 36, 3677-86  | 5.9 | 77  |
| 258 | Microstructural abnormalities of the brain white matter in attention-deficit/hyperactivity disorder. <i>Journal of Psychiatry and Neuroscience</i> , <b>2015</b> , 40, 280-7   | 4.5 | 17  |
| 257 | Voxel-wise meta-analyses of brain blood flow and local synchrony abnormalities in medication-free patients with major depressive disorder. <i>Journal of Psychiatry and Neuroscience</i> , <b>2015</b> , 40, 401-11  | 4.5 | 34  |
| 256 | ELECTROMYOGRAPHIC ANALYSIS OF SHOULDER GIRDLE MUSCLES DURING COMMON INTERNAL ROTATION EXERCISES. <i>International Journal of Sports Physical Therapy</i> , <b>2015</b> , 10, 645-54  | 1.4 | 10  |
| 255 | Muscle strength and its relationship with skeletal muscle mass indices as determined by segmental bio-impedance analysis. <i>European Journal of Applied Physiology</i> , <b>2014</b> , 114, 177-85  | 3.4 | 18  |
| 254 | Multivariate pattern analysis of DTI reveals differential white matter in individuals with obsessive-compulsive disorder. <i>Human Brain Mapping</i> , <b>2014</b> , 35, 2643-51   | 5.9 | 51  |

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| 253 | Changes in diffusion tensor imaging (DTI) eigenvalues of skeletal muscle due to hybrid exercise training. <i>Magnetic Resonance Imaging</i> , <b>2014</b> , 32, 1297-300   | 3.3  | 16  |
| 252 | Intrinsic brain abnormalities in attention deficit hyperactivity disorder: a resting-state functional MR imaging study. <i>Radiology</i> , <b>2014</b> , 272, 514-23   | 20.5 | 57  |
| 251 | Skeletal muscle ATP turnover by <sup>31</sup> P magnetic resonance spectroscopy during moderate and heavy bilateral knee extension. <i>Journal of Physiology</i> , <b>2014</b> , 592, 5287-300   | 3.9  | 47  |
| 250 | Different association between intentionality competence and prefrontal volume in left- and right-handers. <i>Cortex</i> , <b>2014</b> , 54, 63-76  | 3.8  | 18  |
| 249 | The effects of neoadjuvant chemoradiotherapy on physical fitness and morbidity in rectal cancer surgery patients. <i>European Journal of Surgical Oncology</i> , <b>2014</b> , 40, 1421-8  | 3.6  | 72  |
| 248 | The effect of neoadjuvant chemoradiotherapy on whole-body physical fitness and skeletal muscle mitochondrial oxidative phosphorylation in vivo in locally advanced rectal cancer patients—an observational pilot study. <i>PLoS ONE</i> , <b>2014</b> , 9, e111526   | 3.7  | 25  |
| 247 | Exercise training reverses endothelial dysfunction in nonalcoholic fatty liver disease. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2014</b> , 307, H1298-306  | 5.2  | 68  |
| 246 | Cardiopulmonary exercise testing for the prediction of morbidity risk after rectal cancer surgery. <i>British Journal of Surgery</i> , <b>2014</b> , 101, 1166-72  | 5.3  | 79  |
| 245 | Ectopic lipid storage in non-alcoholic fatty liver disease is not mediated by impaired mitochondrial oxidative capacity in skeletal muscle. <i>Clinical Science</i> , <b>2014</b> , 127, 655-63  | 6.5  | 4   |
| 244 | Endothelial dysfunction in hyperandrogenic polycystic ovary syndrome is not explained by either obesity or ectopic fat deposition. <i>Clinical Science</i> , <b>2014</b> , 126, 67-74  | 6.5  | 26  |
| 243 | Cardiopulmonary exercise variables are associated with postoperative morbidity after major colonic surgery: a prospective blinded observational study. <i>British Journal of Anaesthesia</i> , <b>2014</b> , 112, 665-71   | 5.4  | 112 |
| 242 | External validation of the fatty liver index and lipid accumulation product indices, using <sup>1</sup> H-magnetic resonance spectroscopy, to identify hepatic steatosis in healthy controls and obese, insulin-resistant individuals. <i>European Journal of Endocrinology</i> , <b>2014</b> , 171, 561-9 | 6.5  | 80  |
| 241 | Brain grey matter abnormalities in medication-free patients with major depressive disorder: a meta-analysis. <i>Psychological Medicine</i> , <b>2014</b> , 44, 2927-37   | 6.9  | 129 |
| 240 | MITOCHONDRIA: investigation of in vivo muscle mitochondrial function by <sup>31</sup> P magnetic resonance spectroscopy. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2014</b> , 50, 67-72   | 5.6  | 28  |
| 239 | Pregnancies complicated by preeclampsia and non-preeclampsia-related nephrotic range proteinuria. <i>Obstetric Medicine</i> , <b>2013</b> , 6, 159-64  | 1.5  | 2   |
| 238 | Responsiveness of the Liverpool Elbow Score in elbow arthroplasty. <i>Journal of Shoulder and Elbow Surgery</i> , <b>2013</b> , 22, 312-7  | 4.3  | 9   |
| 237 | Disturbed energy metabolism and muscular dystrophy caused by pure creatine deficiency are reversible by creatine intake. <i>Journal of Physiology</i> , <b>2013</b> , 591, 571-92  | 3.9  | 62  |
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